



Borough of Rowley Regis

Staffs



Annual Report

OF THE

Medical Officer of Health

AND THE

Chief Sanitary Inspector

FOR THE YEAR

1938



FRANK ASKER, M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health.



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MEMBERS OF THE ROWLEY REGIS BOROUGH COUNCIL

(as at November, 1938).

Mayor :—

ALDERMAN C. C. LEWIS, J.P.

Deputy Mayor :—

COUNCILLOR J. E. W. HICKTON.

Aldermen :—

D. M. CHAPMAN, J.P.
T. DEELEY, J.P.
B. HOBBS, J.P., C.C.
J. B. HOLDEN.

G. PALMER, J.P., C.C.
E. READ, C.C.
W. H. WILLIS.

Councillors :—

T. W. ADAMS.
E. ATTWOOD.
H. CARD (Rev.), M.A., L.Th.
J. E. CLARKE, J.P.
E. L. FLETCHER.
J. GAUNT, J.P.
H. GRAINGER.
A. H. HANCOCK.
T. C. HILL.
L. LENCH (Miss), J.P.
T. E. MITCHELL (Dr.)
W. W. MOTTERAM.

A. MUCKLOW.
S. NORWOOD.
W. OWEN.
J. E. PEARSON.
F. A. RAYBOULD.
A. SMART (Mrs.)
C. E. O. SMITH.
A. TAYLOR.
W. H. WALLACE.
J. WESTWOOD.
S. WILLETTS.

Co-opted Members of the Maternity and Child Welfare Committee :

Mrs. S. H. EARP.
Mrs. A. SIMMONDS.
Mrs. F. E. STEVENS.
Mrs. F. TOWNLEY.

Mrs. D. UNDERHILL.
Mrs. E. WEBSTER.
Mrs. D. M. WILLETTS.

Public Health Department,

Municipal Buildings,

Old Hill, Staffs.

July, 1939.

TO THE MAYOR, ALDERMEN AND COUNCILLORS.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you the annual report of the Medical Officer of Health for the year ended 31st December, 1938. It is prepared in accordance with the instructions contained in the official circular issued by the Ministry of Health.

It will be seen from a study of the Vital Statistics that the death rate has fallen from 11.96 to 10.88. The infant mortality rate from 64.71 to 47.73 and the maternal mortality rate from 3.59 to 0.89. This is satisfactory, but one disturbing feature was the number of deaths occurring from Diphtheria.

In April the Council's Domiciliary Service of Salaried Midwives came into operation—a detailed account of the working of the service is incorporated in the report.

As in previous years, I have again to report that difficulty in obtaining hospital accommodation for cases of infectious disease was experienced—in fact in the early part of the year it was impossible to get cases of Diphtheria into hospital and cases had to be treated in their own homes—often under unsatisfactory conditions.

In June a Local Enquiry was held at Wednesbury by Horman F. Smith, M.A., M.D., an Inspector of the Ministry of Health, with reference to the formation of a Joint Isolation Hospital Board, and as a result the Minister of Health decided to issue a provisional order. This provisional order has since been submitted to Parliament and been confirmed and the Joint Hospital Board duly constituted. Your Council has three representatives on the Joint Board and it should not be long before the erection of an up-to-date Isolation Hospital is commenced.

In conclusion, I should like to take this opportunity of expressing my thanks to the Health and Maternity and Child Welfare Committees for their generous help and consideration, to my colleagues of other departments for their help and co-operation, and to my staff for their loyal assistance.

I have the honour to be,

Your obedient Servant,

FRANK ASKER,

Medical Officer of Health.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health :—

FRANK ASKER, M.R.C.S., L.R.C.P., D.P.H.

Deputy Medical Officer of Health :—

M. M. NOLAN, M.B., B.Ch., B.A.O., M.M., M.S., F.R.C.S.,
D.P.H., D.T.M. and H.

Ophthalmic Surgeon (Part-time) :—

F. N. ROBERTS, M.R.C.S., L.R.C.P.

Consulting Obstetric Specialist (Part-time) :—

W. E. BARNIE-ADSHEAD, M.B., F.R.C.S.

Aural Surgeon (Part-time) :—

C. L. WALKER, F.R.C.S.Ed.

Dental Officer (Part-time) :—

L. HOWARD THOMPSON, L.D.S.

Sanitary Inspector :—

ALEC LONGFELLOW, A.R.San.I., M.S.I.A., M.Inst.P.C.,
Sanitary Inspector's Certificate, Meat and Food Inspector's
Certificate, Smoke Inspector's Certificate, Diploma of the
Institute of Public Cleansing, Honours in Plumbing and
Sanitary Science of the City and Guilds of London Institute.

Additional Sanitary Inspectors :—

W. WOOLDRIDGE, M.S.I.A., Sanitary Inspector's
Certificate.

GORDON EDWARD CHAMBERLAIN, A.R.San.I.,
M.S.I.A. Sanitary Inspector's Certificate, Meat and Food
Inspector's Certificate. (Resigned 31st May, 1938).

REGINALD HEATH, M.S.I.A., Sanitary Inspector's
Certificate and Meat and Food Inspector's Certificate.

WILFRED MANTEL DAVIS, A.R.San.I., Sanitary
Inspector's Certificate, Meat and Food Inspector's Certifi-
cate. (Commenced 1st August, 1938).

Sanitary Inspector's Assistants :—

GWILYM WILLIS.

BRIAN LONGFELLOW.

Health Visitors (who are also School Nurses) :—

N. E. CHILTON, S.R.N., C.M.B., Q.N.

T. BELLAMY, S.R.N., C.M.B., H.V.C.

A. E. HALLAM, S.R.N., C.M.B.

M. A. FELLOWS, S.R.N., C.M.B., H.V.C.

W. H. BENNETT, S.R.N., C.M.B., H.V.C.

I. M. SALT, S.R.N., S.C.M., H.V.C.

Municipal Midwives :—

A. E. BIGGS, S.R.N., C.M.B.

M. HAYWARD, S.R.N., C.M.B.

F. NORWOOD, C.M.B.

S. E. RANN, C.M.B.

M. A. ROSE, C.M.B.

J. M. STALEY, S.R.N., C.M.B., Q.N.

B. M. WEBBER, S.R.N., C.M.B.

S. F. WHITTALL, C.M.B.

Clerks :—

M. E. HARRIS

E. M. STEVENS

C. BACHE

{ Whole - time jointly
with School Medical
Department.

D. MORGAN

R. ROSE

{ Whole-time Sanitary
Inspector's Clerks.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

VITAL STATISTICS.

Area (in acres)	3,828
Population : Census, 1931	41,235
Estimated, mid-year 1938	44,190
Number of inhabited houses (end of 1938) according to Rate Books	11,658
Rateable Value at December, 1938	£162,400
Sum represented by a penny rate at 31st March, 1938—gross	£594
Estimated at 31st December, 1938—gross	£620
	Total. M. F.
Live Births : Legitimate	807 411 396
Illegitimate	10 4 6
Birth rate per 1,000 of the estimated resident population	18.49
	Total. M. F.
Stillbirths	28 12 16
Rate per 1,000 total (live and still births)	33.14
Deaths	481 253 228
Death Rate per 1,000 of the estimated resident population	10.88

C.F.1.19.—The crude death rate of the area should be multiplied by this factor in order to make it comparable, from a mortality point of view, with the crude death rate of the country as a whole or with the mortality of any other local area, the crude death rate of which should be similarly modified with its own factor for the purpose.

Deaths from puerperal causes (headings 29 and 30 of the Registrar General's short list) :

	Total	Rate per 1,000 total (live and still births)
No. 29 Puerperal Sepsis	1	1.18
No. 30 other puerperal diseases	—	—
Total	1	1.18

Death rate of infants under one year of age:—

All Infants per 1,000 live births	47.73
Legitimate Infants per 1,000 legitimate live births	46.51
Illegitimate Infants per 1,000 illegitimate live births	100.00
Deaths from :—Measles (all ages)	1
Whooping Cough (all ages) ...	2
Diarrhoea (under 2 years of age)	4
Diphtheria	11
Scarlet Fever	—

BIRTHS.

It will be seen from the above statement that the birth-rate for Rowley Regis in 1938 was 18.49 per 1,000 population as compared with 15.10 for England and Wales.

840 births were notified—1 by a doctor and 726 by midwives and 113 hospital notifications. The great majority of the births, it will be seen, are notified and attended by midwives.

REGISTRAR-GENERAL'S SHORT LIST OF CAUSES OF
DEATH IN THIS AREA.

CAUSES OF DEATH	M.	F.	Total
ALL CAUSES	253	228	481
Whooping Cough	1	1	2
Measles	—	1	1
Scarlet Fever	—	—	—
Diphtheria	4	7	11
Influenza	6	2	8
Encephalitis Lethargica	—	2	2
Cerebro Spinal Fever	1	1	2
Tuberculosis of respiratory system	17	9	26
Other tuberculous diseases	1	3	4
Syphilis	2	—	2
Cancer, malignant disease	35	31	66
Diabetes	3	3	6
Cerebral hæmorrhage, etc.	11	14	25
Heart disease	51	63	114
Aneurysm	1	—	1
Other circulatory diseases	9	11	20
Bronchitis	16	10	26
Pneumonia (all forms)	26	17	43
Other respiratory diseases	1	2	3
Peptic ulcer	4	1	5
Diarrhœa, etc. (under 2 years)	2	2	4
Appendicitis	1	—	1
Cirrhosis of Liver	1	1	2
Other Liver Diseases	1	2	3
Other digestive diseases	3	4	7
Acute and chronic nephritis	5	5	10
Puerperal Sepsis	—	1	1
Other puerperal diseases	—	—	—
Congenital debility, premature birth, malformations, etc.	6	8	14
Senility	10	7	17
Suicide	6	—	6
Other violence	7	4	11
Other defined diseases	22	16	38
Ill defined or not known	—	—	—
Deaths of Infants under 1 year :—			
Total	17	22	39
Legitimate	17	21	38
Illegitimate	—	1	1

SEASONAL MORTALITY.

	Deaths.	Death-rate per 1,000.	Rate for England and Wales
First Quarter ...	132	11.94	13.6
Second Quarter ...	133	12.03	11.6
Third Quarter...	95	8.59	9.9
Fourth Quarter ...	121	10.95	11.5
	481	10.88	11.65

DEATHS IN PUBLIC INSTITUTIONS.

Institution.	Number.	Percentage of total deaths.
Sedgley Union Workhouse ...	27	5.61
The Guest Hospital, Dudley ...	25	5.19
General Hospital, Birmingham ...	4	.83
Children's Hospital, Birmingham ...	10	2.09
Queen's Hospital, Birmingham ...	10	2.09
County Mental ...	7	1.46
Kingswinford Isolation Hospital ...	4	.83
Sandfield House, Wordsley ...	8	1.66
West Bromwich and District General Hospital ...	7	1.46
Corbett Hospital ...	6	1.25
Cottage Hospital, Halesowen ...	2	.42
Other Institutions ...	9	1.85

GENERAL REMARKS ON THE DEATH RATE.

The death rate was 10.88 compared with 11.96 last year.

“ Heart Disease ” was still the largest single cause of death, accounting for 114 deaths, but this term is now used to cover a number of deaths which would, a decade ago, have been attributed to senility.

The next most important cause of death was Cancer, which caused 66 deaths.

Pneumonia accounted for 43 deaths (37 in 1937) and Bronchitis 26 deaths (31 in 1937).

8 deaths were caused by Influenza as compared with 19 last year.

Tuberculosis of the respiratory system caused 26 deaths. This subject is discussed later in the report dealing with infectious diseases.

25 deaths occurred from Cerebral Haemorrhage, etc. This is a disease of later life and its prevalence is probably associated with the increased mental and physical strain of modern life, together with a tendency, in those who can afford it, to take more food than is actually required for satisfactory nutrition.

SOCIAL CONDITIONS AND OCCUPATIONS.

Although parts of the Tividale and Rowley Regis Wards are agricultural in character, very little grain is grown, the products being chiefly hay and root crops.

The district is essentially an industrial one, the manufacture of iron goods, such as nails, rivets, tubes, shovels, chains and anchors, hollow-ware, electric fitting works, and the making of bricks and tiles being the chief industries. Upon the hills are important quarries yielding a hard basaltic rock known as ‘‘ Rowley Rag,’’ largely used for paving and channelling purposes. Very little mining is now done in this area.

I am indebted to the Manager of the Ministry of Labour Employment Exchange, Cradley Heath, for the following table showing the average weekly unemployment figures in respect of men, women, boys and girls in six monthly periods.

		AVERAGE WEEKLY UNEMPLOYMENT.									
Six months ending		Men		Women		Boys		Girls		Total weekly average.	
June, 1932	...	7533	1226	197	86	9042					
Dec., 1932	...	6436	954	142	74	7606					
June, 1933	...	5441	626	90	51	6208					
Dec., 1933	...	4798	524	40	20	5382					
June, 1934	...	3733	323	15	13	4084					
Dec., 1934	...	2697	455	15	26	3193					
June, 1935	...	2482	335	11	12	2840					
Dec., 1935	...	2028	346	12	9	2395					
June, 1936	...	1750	383	11	14	2158					
Dec., 1936	...	1366	322	6	9	1703					
June, 1937	...	880	281	3	6	1170					
Dec., 1937	...	1355	598	11	32	1996					
		Men		Women		Boys		Girls		Total weekly Average	
	†T.S.	*W.U.	T.S.	W.U.	T.S.	W.U.	T.S.	W.U.	T.S.	W.U.	
June, 1938	1390	642	351	508	30	—	56	—	1827	1150	
Dec., 1938	1444	741	265	507	26	1	36	3	1771	1252	
† Temporarily suspended.					* Wholly unemployed.						

ABNORMAL SICKNESS OR MORTALITY.

There has been no unusual or excessive mortality during the year, nor have the occupations or environment of the district had any demonstrably detrimental effect upon the public health.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

As full details were given in the Annual Reports for 1930 and 1931, it is not necessary to deal with these matters in detail in this Report.

(1) *Public Health Officers of the Authority.*

This information is given at the commencement of the Report. In addition, Dr. Welsh was employed as Anaesthetist (1 session per month) for the Maternity and Child Welfare and Ante-natal Dental Clinic.

(2) *Nursing in the Home.*

There are no new developments to report.

(3) *Laboratory Facilities.*

The Staffordshire County Council Laboratory has continued to carry out all requisite examinations of clinical material, water, milk and foodstuffs.

(4) *Hospitals.*

There are no hospitals in the Borough.

(5) *Ambulance Facilities.*

During the year the Ambulance covered 12,135.4 miles and carried 922 patients.

Street accidents	245.1 miles	...	26 cases
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Maternity cases					
(M. & C.W. Committee)	...	239.1	,,	...	11 ,,
*Coroner's cases	...	40.2	,,	...	9 ,,
*Public Assistance cases	...	31.6	,,	...	4 ,,
Doctors' cases	...	11326.4	,,	...	856 ,,
Works accident cases	...	142.5	,,	...	12 ,,
*Private bookings	...	78.4	,,	...	4 ,,
Miscellaneous	...	32.1	,,	...	

* In these cases a fee of 1/- per mile is charged.

(6) *Clinics and Treatment Centres.*

The hours at which these are held are as follows:—

A.—Mace Street, Old Hill.

	When in Session.	Area served.
Infant Welfare Centre ...	Mondays, 2—5 p.m. Thursdays, 2—5 p.m.	Cradley Heath. Old Hill.
Ante-natal Clinic ...	2nd and 4th Wednesdays at 10 a.m.	Cradley Heath and Old Hill.

B.—Carlyle Road, Rowley Regis.

	When in session	Area served.
Infant Welfare Centre ...	Wednesdays, 2-5 p.m. Fridays, 2—5 p.m.	Blackheath and Rowley Regis.
Ante-natal Clinic ...	1st and 3rd Wednesdays at 10 a.m.	Blackheath and Rowley Regis.
Aural Clinic ...	Once per month.	Whole of Borough.

C.—Public Offices, Dudley Road, Tividale.

	When in session	Area served.
Infant Welfare Centre ...	Tuesdays, 2—5 p.m.	Tividale.
Ante-natal Clinic ...	1st Wednesday at 2.30 p.m.	Tividale.

D.—Knowle Infants School, Dudley Road, Springfield.

	When in session	Area served.
Infant Welfare Centre ...	Thursdays, 2—5 p.m.	Rowley Regis (Springfield).

Ophthalmic and dental treatment is given by appointment.

MATERNITY AND CHILD WELFARE.

Before describing the administrative arrangements of and work done under the Maternity and Child Welfare Scheme, in the Borough, it is desirable to give under three headings particulars of the mortality which it is designed to combat:—

- (1) Maternal Mortality.
- (2) Infantile Mortality.
- (3) “ Young Child ” Mortality.

(1) *Maternal Mortality.*

There was 1 death classified under this heading in the Borough in 1938.

This was from Puerperal Sepsis and the maternal mortality rate was 1.18 per 1,000 total births from Puerperal Sepsis compared with 0.89 for England and Wales. As regards “ Other Accidents and Diseases of Pregnancy and Parturition ” the death rate here was 0.00 as compared with 2.19 per 1,000 total births for England and Wales. The total maternal mortality in Rowley Regis was 1.18 per 1,000 total births, as compared with 3.08 for England and Wales.

(2) *Infantile Mortality.*

The death rate of infants under 1 year of age per 1,000 births was :—

Legitimate	...	...	...	44.97
Illegitimate	...	...	...	1.18
Total	...	...	...	46.15

The table given below gives details of the causes of death of infants under 1 year of age:—

Cause of Death	under 1wk.	1—2 wks.	2—3 wks.	3—4 wks.	Total under 1 mth.	1—3 mths.	3—6 mths.	6—9 mths.	9—12 mths.	Totals
All Causes	10	2	4	—	16	7	8	4	4	39
Congenital Debility, etc.	9	2	1	—	12	1	1	—	—	14
Pneumonia ...	—	—	1	—	1	1	2	4	1	9
Bronchitis ...	—	—	—	—	—	1	—	—	—	1
Enteritis ...	—	—	—	—	—	2	2	—	—	4
Pulmonary Tuberculosis ...	—	—	—	—	—	—	1	—	1	2
Whooping Cough ...	—	—	—	—	—	—	1	—	—	1
Meningitis ...	—	—	—	—	—	1	1	—	—	2
Other ...	1	—	2	—	3	1	—	—	2	6

As 16 deaths occurred under one month of age the neo-natal death rate per 1,000 live births was 19.58. Of these, 10 were due to congenital debility, premature birth, malformations, etc.

(3) “ *Young Child Mortality.* ”

The “ Young Child ” mortality was 24.48 per 1,000 live births, compared with 13.43 last year. The following table gives particulars of the “ Young Child ” mortality :—

CAUSE OF DEATH.	1—2 years	2—3 years	3—4 years	4—5 years	Totals.
ALL CAUSES. ...	10	4	2	4	20
Bronchitis ...	1	—	—	—	1
Pneumonia ...	3	—	1	1	5
Nephritis ...	1	—	—	—	1
Diphtheria ...	1	3	—	1	5
Non-pulmonary Tuberculosis	1	1	1	—	3
Measles ...	1	—	—	—	1
Whooping Cough ...	1	—	—	1	2
Diarrhoea ...	1	—	—	—	1
Cerebro Spinal Fever ...	—	—	—	1	1

PUERPERAL PYREXIA.

During 1938 two cases of Puerperal Pyrexia were notified. In one case the services of a consultant was obtained and the case was admitted to Hospital for treatment. The case rates per 1,000 are best expressed in relation to the number of births registered rather than to the population, and when calculated on this basis, they are given in the annexed table. The rates are based on the total (i.e., live and still) births registered:—

Rowley Regis	...	...	2.45
England and Wales	...	...	14.42

MIDWIVES.

As in the previous year, supervision of all the midwives practising in the area was undertaken by the Deputy Medical Officer. Routine visits of inspection were carried out, the bags and instruments examined and their registers and records inspected. During the year 13 midwives gave notice of intention to practice in the Borough.

A total of 726 births was attended by midwives—583 as midwives and 143 as maternity nurses.

Medical aid was summoned by midwives in 165 cases. The complications for which medical aid was sought were as follows:—

Mother:—

Torn Perineum	...	...	...	54
Prolonged and Difficult Labour	...	...	...	31
Rise of Temperature	...	...	...	—
Adherent Placenta	...	...	...	1
Eclampsia	...	...	...	—
Abortion	...	...	...	5
Haemorrhage	...	...	...	8
Abnormal Presentation	...	...	...	10
Varicose Veins	...	...	...	—
Uterine Inertia	...	...	...	3
Albuminuria	...	...	...	2
Obstructed Labour	...	...	...	1
Other Causes	...	...	...	21

Child :—

Discharging Eyes	...	...	...	4
Stillbirth	...	...	...	—
Premature Birth	...	...	...	3
Phimosis	...	...	...	—
Convulsions	...	...	...	—
Jaundice	...	...	...	1
Cyanosis	...	...	...	2
Dangerous Feebleness	...	...	...	12
Spina Bifida	...	...	...	1
Talipes	...	...	...	2
Other Causes	...	...	...	4

Number of notices received re :—

Intention to Practice	...	...	13
Sending for Medical Help	...	...	165
Attendances at Stillbirths (under C.M.B. rules)	...	...	9
Attendance at Stillbirths (under Notification of Births Act)	...	...	—
Cessation of Breast Feeding	...	...	16
Liability to be a source of infection	...	...	5
Laying out a dead body	...	...	—
Death of a child	...	...	1

NURSING HOMES (REGISTRATION) ACT, 1927.

No nursing homes were registered during the year.

MIDWIVES ACT, 1936.

On April 1st, 1938, the scheme for the provision of a salaried service of domiciliary midwives came into operation. A copy of a report submitted to the Council dated June 9th, 1939, is herewith appended :—

“ On September 1st, 1937, the Borough Council became the Local Supervising Authority under the Midwives Acts instead of the Stafford County Council. It was the duty of the Borough Council to provide a domiciliary service of salaried midwives and a draft scheme was prepared. Representatives of the Medical Practitioners and Midwives practising in the area were consulted and as a result a final scheme was agreed upon and submitted

to the Ministry of Health. The scheme, which came into operation on April 1st, 1938 is briefly, as follows :—

The Borough Council, having regard to the number of cases likely to be dealt with under the new service and allowing for annual and sick leave, agreed to appoint eight salaried midwives with the proviso that the position would be reviewed from time to time and additional appointments made if and when required. The Deputy Medical Officer was to be appointed Medical Supervisor of Midwives to carry out the duties of Supervisor under the general direction of the Medical Officer of Health, who was to act as Chief Supervisor of Midwives.

The terms of appointment of the midwives were as follows :—

1. All midwives to reside in the Borough. A telephone to be installed at their approved residences at the expense of the Borough Council.

2. Midwives not to be over the age of 50—the Borough Council reserved the right to vary this age limit if necessary. In subsequent appointments midwives not to be under 24 years nor over 35 years.

3. Salaries of midwives who were in addition State Registered Nurses, £200 per annum rising by annual increments of £5 to £230.

Others £180 per annum, rising by annual increments of £5 to £200.

4. The appointments to be designated posts under the Local Government and Other Officers Superannuation Acts.

5. The midwives to provide and wear uniform—an allowance of £10 per annum to be made for this purpose, together with £10 per annum for travelling expenses.

6. The Borough Council to provide the midwifery bags with necessary equipment.

7. Holidays : Each midwife to have four weeks annually, one week-end (Saturday, Sunday and Monday) per month, and one half-day per week.

The Borough Council also agreed to arrange for post-graduate instruction to be given to midwives by arrangement with a neighbouring authority.

Scale of Fees to be charged for the services of municipal midwives was as follows :—

Acting as Midwife :—

First confinement	...	£2 2 0
Subsequent confinement	...	£1 15 0
Acting as Maternity Nurse	...	£1 15 0

The Scheme to become operative on April 1st, 1938.

The appointments were advertised (copies being sent to all midwives practising in the area) and the following eight midwives were appointed, viz. :—A. E. Biggs, M. Hayward, F. Norwood, S. E. Rann, M. A. Rose, J. Staley, B. M. Webber and S. F. Whittall.

In making the appointments, the Borough Council took into account the suggestions contained in the Ministry of Health's Circular 1,569 of the 1st September, 1936, and appointed independent midwives who were practising in the district and as far as was practicable they were allocated to that part of the district in which they were already practising—three midwives being allocated to Cradley Heath and Old Hill Wards, three to Blackheath and Rowley Regis, and two to Tividale—in four instances it was necessary to provide Council houses as residences. As the midwives were already practising, the change-over from independent to municipal practice took place very smoothly—special booking forms were provided for municipal cases and, as far as possible, patients were allowed their choice of midwife. The question of collection of fees was discussed with Mr. J. T. Danks, the Borough Treasurer, and it was thought advisable for the midwives themselves to collect them and pay them into this Office. This system has worked exceptionally well in practice and it will be seen from the appended statement that practically all fees have been recovered. From time to time minor difficulties have arisen in the administration, but these have been overcome and at the present time the scheme is working smoothly. It has been necessary to hold extra pre-natal clinics, but by re-organisation it has been possible to do this without engaging any extra medical staff. Each midwife attends the pre-natal clinic with her own patients so that she can receive any necessary instructions from the Medical Officer,

In addition to the 8 municipal midwives, 3 midwives gave notice in January, 1939, of intention to practice. For the 12 months ended March, 1939, the municipal midwives attended 524 cases as midwives, 142 as maternity nurses—the total number of births in the district for the same period being 708.

Medical aid was summoned in 192 cases.

FINANCIAL STATEMENT FOR THE YEAR ENDED MARCH 31ST, 1939.

SUMMARY.

	£	s.	d.		£	s.	d.
Standard Fees ...	1,246	1	0	Remitted—Neces-			
Outfits ...	22	5	0	sitous Cases ...	15	11	0
Excess Receipts...	7	9	0	Irrecoverables ...	0	10	0
Advance Payments				Cash—Fees ...	1,247	6	6
(booking fees)	43	10	0	Outfits ...	22	5	0
					1,285	12	6
				Arrears carried			
				forward ...	33	12	6
	£1,319	5	0		£1,319	5	0

During the year two midwives have attended post-graduate courses of one month's duration, by arrangement with the Birmingham Public Health Committee, at the Sorrento Maternity Hospital, Birmingham—future arrangements provide for the post-graduate instruction of all the midwives during the course of the next six years.

All the extra clerical work involved, including the preparation and sending out of accounts, has been undertaken by Miss M. E. Harris, Chief Clerk to the Department.

In my opinion there is now in existence a domiciliary service of salaried midwives under the control of the Borough Council which is adequate for the needs of the area, and I respectfully recommend the Borough Council to make application for an Order to be made under Section 6 of the Midwives Act, 1936."

MATERNITY SERVICES.

The following services are available in the area:—

- (1) Three Ante-Natal Clinics.
- (2) Ante-Natal Dental Clinics (12 sessions per year).
- (3) Milk Foods—free or at reduced prices to expectant mothers.
- (4) The payment of fees to medical practitioners for ante-natal examinations of uninsured women who have engaged midwives for their confinement.
- (5) The payment of fees of midwives employed as maternity nurses in necessitous cases.
- (6) Consultants for ante-natal cases, cases of difficult labour, and cases of puerperal sepsis.
- (7) Hospital accommodation for complicated obstetric cases, cases where the home conditions are unsatisfactory and cases of puerperal sepsis.
- (8) Sterilised maternity outfits supplied at cost prices.

HEALTH VISITING.

The Local Authority maintains a staff of 6 combined Health Visitors and School Nurses. Each Health Visitor is allotted a district, and her duties include:—

Visiting expectant mothers.

Attendance at the Ante-Natal Clinic.

Routine visiting of new births notified.

Routine visiting of children up to school age.

Investigation of applications for the grant of milk or medical aid in necessitous cases.

Attendance at the Infant Welfare Centre of her district and the home visiting of children in attendance.

Visiting in connection with non-notifiable infectious diseases—measles, whooping-cough, etc.

Attendance at School Medical Inspections and School Medical and Dental Clinics.

Head inspections at schools.

Visiting of Tuberculosis cases.

The number of visits paid by the Health Visitors is shown in the following table:—

	Visits.	Re-visits.	Total.
Expectant Mothers	64	9	73
Live Births	836	2409	3245
Children 1 to 5 years... ..	—	5235	5235
Still Births	24	—	24
Infant Deaths	37	—	37
Maternal Deaths	1	—	1
Puerperal Pyrexia	2	—	2
Ophthalmia Neonatorum	1	—	1
Non-notifiable Infectious Diseases	89	—	89
Tuberculosis : County Council	42	681	723
Local Authority	8	67	75
Boarded-out Children ; County Council	2	11	13
Miscellaneous	1087	—	1087
	2193	8412	10605

Children Act, 1908.

There was one child on the register during 1938. The Medical Officer of Health is the person designated to receive the necessary notices, and the health visitors visit such children as come under the statute.

ORTHOPAEDIC TREATMENT.

As regards the prevention of crippling conditions, advice on infant feeding and infant hygiene, with a view to the prevention of rickets, is given on every possible occasion by the Medical Officers in the clinics and the health visitors in the homes. When a health visitor notices any abnormality she persuades the mother to bring the child to the clinic for advice. Treatment is arranged both for in-patients and out-patients at the Cripples' Hospital, Birmingham, and for out-patients also at the Dudley Orthopædic Clinic. At the Cripples' Hospital, Birmingham, 1 child received treatment as an in-patient; 5 children received treatment as out-

patients; and at the Dudley Clinic 1 case received treatment as an out-patient and 2 cases received out-patient treatment at both Birmingham and Dudley. It is more convenient and more economical for patients residing in certain parts of the Borough to go to Dudley for treatment. As regards after-care, all patients are kept under regular supervision after the completion of their treatment and are sent back to the Cripples' Hospital if this course should be considered desirable.

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE CHILDREN AND HOMELESS CHILDREN.

There was no alteration in this respect in 1938.

INFANT WELFARE CENTRES.

- (a) The number of centres provided and maintained by the Council is four, with six sessions weekly. The total number of attendances during the year was 13,400. Two nurses and a doctor are in attendance and are assisted by voluntary helpers. We are greatly indebted to these ladies who give of their time and help at the centres; their services are much appreciated by the mothers and the staff.
- (b) Total number of attendances at all Centres during the year:—
- | | | | | |
|------|-----------------------------------------------|-----|-----|------|
| (i) | By children under 1 year of age | ... | ... | 6821 |
| (ii) | By children between the ages of 1 and 5 years | | | 6579 |
- (c) Total number of children who first attended at the Centres during the year and who on the date of their first attendance were:—
- | | | | | | |
|------|-----------------------------------|-----|-----|-----|-----|
| (i) | Under 1 year of age | ... | ... | ... | 516 |
| (ii) | Between the ages of 1 and 5 years | ... | ... | 102 | |
- (d) Total number of children who attended at the Centres during the year and who at the end of the year were:—
- | | | | | | |
|------|-----------------------------------|-----|-----|------|-----|
| (i) | Under 1 year of age | ... | ... | ... | 415 |
| (ii) | Between the ages of 1 and 5 years | ... | ... | 1066 | |

(e)	Percentage of notified live births represented by the number in (d) (i)	63.16
-----	-------------------------------------------------------------------------	-----	-----	-----	-----	-----	-------

MACE STREET, OLD HILL:—

Cradley Heath Session:—

(a)	Total number of attendances at Centre during the year:—						
(i)	By children under 1 year of age	...	...				1485
(ii)	By children between the ages of 1 and 5 years						1078
(b)	Total number of children who first attended at the Centre during the year and who on the date of their first attendance were:—						
(i)	Under 1 year of age	...	...	...	...		91
(ii)	Between the ages of 1 and 5 years	...	...				6
(c)	Total number of children who attended at the Centre during the year and who at the end of the year were:—						
(i)	Under 1 year of age	...	...	...	...		94
(ii)	Between the ages of 1 and 5 years	...	...				187
(d)	Average attendance per session	...	...	...			53

Old Hill Session:—

(a)	Total number of attendances at Centre during the year:—						
(i)	By children under 1 year of age	...	...				1213
(ii)	By children between the ages of 1 and 5 years						1154
(b)	Total number of children who first attended at the Centre during the year and who on the date of their first attendance were:—						
(i)	Under 1 year of age	...	...	...	...		95
(ii)	Between the ages of 1 and 5 years	...	...				14
(c)	Total number of children who attended at the Centre during the year and who at the end of the year were:—						

(i)	Under 1 year of age	...	...	...	...	78
(ii)	Between the ages of 1 and 5 years	...	...	...	...	197
(d)	Average attendance per session	...	...	...	...	48

CARLYLE ROAD, ROWLEY REGIS:—

Wednesday Session:—

(a)	Total number of attendances at Centre during the year:—					
(i)	By children under 1 year of age	...	...	...	...	1672
(ii)	By children between the ages of 1 and 5 years	...	...	...	...	1900
(b)	Total number of children who first attended at the Centre during the year and who on the date of their first attendance were:—					
(i)	Under 1 year of age	...	...	...	...	107
(ii)	Between the ages of 1 and 5 years	...	...	...	...	17
(c)	Total number of children who attended at the Centre during the year and who at the end of the year were:—					
(i)	Under 1 year of age	...	...	...	...	95
(ii)	Between the ages of 1 and 5 years	...	...	...	...	311
(d)	Average attendance per session	...	...	...	...	71

Friday Session:—

(a)	Total number of attendances at Centre during the year:—					
(i)	By children under 1 year of age	...	...	...	...	1000
(ii)	Between the ages of 1 and 5 years	...	...	...	...	930
(b)	Total number of children who first attended at the Centre during the year and who on the date of their first attendance were:—					
(i)	Under 1 year of age	...	...	...	...	88
(ii)	Between the ages of 1 and 5 years	...	...	...	...	18

(c)	Total number of children who attended at the Centre during the year and who at the end of the year were:—				
(i)	Under 1 year of age	...	...	...	41
(ii)	Between the ages of 1 and 5 years	...	...	...	139
(d)	Average attendance per session	...	...	...	40

SPRINGFIELD:—

(a)	Total number of attendances at Centre during the year:—				
(i)	By children under 1 year of age	...	...	...	341
(ii)	By children between the ages of 1 and 5 years	...	...	...	297
(b)	Total number of children who first attended at the Centre during the year and who on the date of their first attendance were:—				
(i)	Under 1 year of age	...	...	...	41
(ii)	Between the ages of 1 and 5 years	...	...	...	18
(c)	Total number of children who attended at the Centre during the year and who at the end of the year were:—				
(i)	Under 1 year of age	...	...	...	29
(ii)	Between the ages of 1 and 5 years	...	...	...	52
(d)	Average attendance per session	...	...	...	13

TIVIDALE:—

(a)	Total number of attendances at Centre during the year:—				
(i)	By children under 1 year of age	...	...	...	1110
(ii)	By children between the ages of 1 and 5 years	...	...	...	1220
(b)	Total number of children who first attended at the Centre during the year and who on the date of their first attendance were:—				
(i)	Under 1 year of age	...	...	...	94
(ii)	Between the ages of 1 and 5 years	...	...	...	29

(c) Total number of children who attended at the Centre during the year and who at the end of the year were:—

(i)	Under 1 year of age	...	...	...	...	78
(ii)	Between the ages of 1 and 5 years	...	...	...	...	180
(d)	Average attendance per session	...	...	...	...	51

PRE-NATAL CLINICS.

Three Pre-Natal Clinics are provided and maintained by the Council and during the year 80 sessions (62 in 1937) were held and 623 attendances (526 in 1937) were made. The increased number of sessions was necessary as a result of the introduction of the Municipal Midwifery Service.

The advice given at the clinics is largely of an educational nature and stresses the importance of general hygiene, suitable diet, and healthy mental attitude. Close co-operation is maintained with the medical practitioners and the midwives. Where necessary cases are referred to the Consulting Obstetrician.

Facilities exist for providing dental treatment, extra nourishment, etc.

The work carried out is summarised in the following table:—

Clinics.			Sessions held.	Number Attending	Number of pre-natal attendances.	Number of post natal attendances	Average attendance per session.
Old Hill	...	...	31	126	243	—	8
Rowley Regis	...	...	32	147	261	2	8
Tividale	...	...	17	58	117	—	7
Total	...	...	80	331	621	2	8

ENLARGED TONSILS AND ADENOIDS.

During 1938, 8 children under five years of age suffering from enlarged tonsils and adenoids received operative treatment at the Ear and Throat Hospital, Birmingham, and 10 at the Children's Hospital, Birmingham. The arrangement under which these cases are sent for operation avoids any long period of waiting.

All operation cases are examined shortly beforehand to make sure that they are fit for operation, and again ten to fourteen days afterwards, to ascertain if the result is satisfactory and to advise parents as to the necessary after-treatment by breathing exercises.

TREATMENT OF SURGICAL DEFECTS.

Under arrangements made by the Maternity and Child Welfare Committee, 14 cases of phimosis received operative treatment at the Children's Hospital, Birmingham.

DENTAL TREATMENT.

This is now provided both in respect of children under five years of age and for expectant mothers. The subjoined table shows the work done during 1938 as compared with 1937:—

Expectant Mothers:	1938	1937
Sessions	12	12
Number treated	98	78
Number of attendances ...	127	109
Extractions	370	272
Fillings	7	5
Scalings	2	1
Provision of Dentures ...	13	14
Administration of general anæsthetics	80	67
Children under five years of age:		
Sessions	24	24
Number treated	167	159
Number of attendances ...	185	190
Extractions	552	501
Fillings	8	4
Administration of general anæsthetics	154	148

The number of cases of expectant mothers treated shows an increase over the previous year 98 compared with 78. The appointment of a whole-time dental officer has now been made so that it will be possible to extend the scope of the M. & C.W. dental service. I should recommend that in future nursing mothers should be eligible for dental treatment.

In cases where it was impossible to complete the treatment before confinement occurred the treatment was completed afterwards. Nitrous Oxide Anæsthesia was given at any period of pregnancy after the third month without any untoward result.

The scheme for the provision of dentures to uninsured ante-natal cases (at reduced cost or free in necessitous cases) was in operation during the year and thirteen cases were supplied.

Mr. L. H. Thompson, L.D.S., Dentist to the Maternity and Child Welfare Committee, reports as follows:—

“ I have the honour to present the report of the dental
“ treatment given to the expectant mothers and children of pre-
“ school age during the year 1938.

“ The number of sessions devoted to this treatment remains
“ the same as before, but if more sessions could be allotted
“ better results would be obtained. At the present time one
“ Ante-Natal Clinic is held at each Clinic each month, and as
“ so many of the mothers-to-be are well advanced in pregnancy
“ when first attending for treatment it is frequently impossible
“ to finish the treatment before baby arrives because we do not
“ consider it advisable to extract too many teeth at one sitting,
“ and numerous visits are thereby necessary, and the treatment
“ has to be completed after the confinement. The majority of
“ cases referred by the Medical Officer have extensive pyorrhea
“ and in consequence it is a rare occurrence to be able to save
“ the teeth by filling.

“ Several mothers were supplied with dentures to replace
“ teeth extracted. These in most cases were paid or partly
“ paid for by the Council as the financial circumstances per-
“ mitted.

“ The treatment of children under school age is given at
“ the same time as the ante-natal cases and again this treatment
“ is generally extractions as the children are only brought up
“ for treatment when they have toothache.

“ I should advise that more time be given to this branch
 “ of the work and that a scheme similar to that of the inspection
 “ of children at school be inaugurated.

“ The new clinic at Mace Street, Old Hill, to replace Plant
 “ Street, was used during the year and this, with the Rowley
 “ Regis Clinic, gives entire satisfaction for equipment, etc.,
 “ but the premises at present in use at Tividale could be greatly
 “ improved upon.

“ Both sections of the treatment administered under the
 “ M. & C.W. Scheme again show an all-round increase, but I
 “ do maintain that given the opportunity of devoting more
 “ time to this treatment and inspection the results will increase
 “ a great deal.

“ In conclusion, I should like to thank all those who have
 “ assisted me during the past year.”

EAR DISEASES AND DEFECTIVE HEARING.

A special aural clinic in charge of Mr. C. L. Walker, F.R.C.S.Ed., is held once monthly at Rowley Regis Clinic, to which school children and children under school age suffering from ear defects are referred. During the year 23 children have received treatment—26 attendances being made.

OPHTHALMIC TREATMENT.

This work was performed at the Old Hill, Rowley Regis and Tividale Clinics, and the work is tabulated below:—

First refractions	...	...	...	...	13
Squints (included in above)	...	...	...	...	8
Re-refractions	...	...	...	...	11
Glasses prescribed	...	...	...	...	14
Glasses obtained: Local Authority	...	...	...	...	4
Privately	...	...	...	...	10
Special examinations	...	...	...	...	9
Total cases seen	...	...	...	...	25

Dr. Roberts, Ophthalmic Surgeon, reports as follows:—

“ I have the honour to submit my report of the Ophthalmic
“ Clinic for this year.

“ The attendances are still well up to standard and the
“ working of the Clinic is very satisfactory.

“ The lay-out of the new Ophthalmic Department at the
“ Mace Street Clinic is very good and the work can be carried
“ out in a much more satisfactory manner.

“ I shall be glad to see a refraction room of the same type
“ installed at Blackheath, the present curtained refraction room
“ is not at all satisfactory.

“ With regard to squint training, the apparatus is now far
“ less complicated and I hope there will be a Clinic for the
“ work at the Guest Hospital and cases from this area and
“ Tipton, I hope, will be able to be treated.

“ I now have more beds at the Guest Hospital, and this
“ facilitates earlier admission of squints requiring operation.

“ I wish to thank you, sir, for your help and co-operation,
“ which makes the smooth working of these clinics possible.”

ULTRA VIOLET LIGHT CLINIC.

Artificial Sunlight Clinics at Carlyle Road Clinic and Mace Street Clinic were held during the first and last three months of the year.

The Clinic is held in conjunction with the School Clinic and children of school age and pre-school age receive treatment. The apparatus in use is an Hanovia Duo-Therapy Unit, and a course of treatment consists of exposures at a distance of 40 inches given twice a week for 6 weeks. The time of exposure starts at one minute and increases to five minutes. 33 children under school age attended for treatment.

The results of the treatment are tabulated below:—

Condition for which treatment was given	Number treated	Improved	Slightly Improved	No Improve- ment	Worse
1. Debility, anæmia and malnutrition...	11	4	5	2	0
2. Bronchitis ...	8	6	2	0	0
3. Rickets ...	4	4	0	0	0
4. Other ailments ...	10	5	3	2	0
Totals ...	33	19	10	4	0

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

1.—(1) WATER.

A constant and ample supply of water is supplied by the South Staffordshire Waterworks Company. It is mainly derived from underground water in the red sandstone. The water appears to be of excellent quality. The Company has supplied the following statement of extension of water mains during the year, 1938 :—

Locality.					Dia. of Main	Length laid in yards
Road off Highfield Crescent, Blackheath	...	...	...	...	2"	19
Road off Gorsty Hill Road, Blackheath	...	...	...	...	3"	142
Cul-de-sac off Ross Road, Blackheath	...	...	...	...	3"	212
Cul-de-sac off Oakham Road	...	...	...	...	3"	126
Road off High Haden, Old Hill	...	...	...	...	4"	49
Waterfall Lane Estate, Old Hill	...	...	...	...	3"	278
Ashtree Estate, Old Hill	...	...	...	...	4"	216
Doulton Road, Springfield	...	...	...	...	4"	16
Throne Road, Springfield	...	...	...	...	3"	185
					4"	445
					6"	40
Codsall Estate	...	...	...	...	3"	636
					4"	6
					6"	260
Bell End Estate	...	...	...	...	4"	24
Windmill End	...	...	...	...	3"	63
Curral Road	...	...	...	...	3"	59

WELLS.

These exist as follows :—

<i>Situation of Premises.</i>	<i>Remarks.</i>
Granville Colliery Yard, Old Hill	This property has been condemned and is unoccupied.
Hingleys Boat Dock, Old Hill	The water is satisfactory. It is not possible to obtain town supply. The premises are now vacated.

One sample from Britannia Schools, swimming bath water, has been submitted for analysis and was found satisfactory.

One sample of water was taken from a works swimming pool and has been submitted for analysis and was found satisfactory.

One sample of water was taken from Haden Hill Baths, has been submitted for analysis and was found satisfactory.

One sample of tap water was taken from yard adjoining Haden Hill Park Offices, Old Hill, and has been submitted for analysis and was found satisfactory.

(2) DRAINAGE AND SEWERAGE.

All new work is carried out by the Surveyor's Department, whilst general repairs under the Public Health and Housing Acts is supervised by the Sanitary Department.

The Borough Surveyor reports that during 1938 the following works have been carried out :—

Foul Water Sewers	...	9in. diam.	—	1,495 yards.
		6in. „	—	120 „
		4in. „	—	32 „
Storm Water Sewers	...	36in. „	—	10 „
		30in. „	—	135 „
		24in. „	—	305 „
		18in. „	—	150 „
		12in. „	—	58 „
		9in. „	—	1,572 „
		6in. „	—	25 „

Drainage work carried out by the Staff of the Sanitary Department is as follows :—

No. of yards new Drains laid ...	...	651
New Sewer Connections ...	...	2
New Gullies fixed ...	...	34
New Intercepting Traps fixed ...	...	3
New Ventilation Pipes fixed ...	...	18
New Inspection Chambers fixed ...	...	24
No. of Drains unstopped ...	...	113

2.—RIVERS AND STREAMS.

There have been no complaints received during the year.

3.—(1) CLOSET ACCOMMODATION.

All existing Privies are inaccessible to the sewer.

The W.C., Ashpit and Cesspool accommodation in the Borough at the end of the year, December, 1938, is as follows :—

Wards.	No. of W.C's.	No. of Bins	No. of Privies.	No. of Pails.	No. of Cess-pools
Cradley Heath ...	2740	2712	8	29	—
Old Hill ...	2765	2802	4	11	1
Blackheath ...	1835	2049	—	—	—
Rowley Regis ...	3170	3325	17	27	11
Tividale ...	1596	1459	22	22	3
Totals ...	12106	12345	51	89	15

(2) PUBLIC CLEANSING.

The Cesspool emptyings are carried out by the Surveyor's Department, with the gully emptying machine in conjunction with and at the request of the Sanitary Department. They are situated as follows :—

CESSPOOLS.

Premises.					No. of times emptied.
" Briardene," Oakham	...	...	...	...	—
" Beulah," Oakham	...	...	...	...	—
" Braemar," Oakham	...	...	...	...	—
Golf Club, Oakham	...	...	...	...	—
Wellfield House, Oakham	...	...	...	...	—
Harrison, New House, Darby's Hill	...	...	...	...	1
" Windy-Moor," Darby's Hill	...	...	...	...	1
" Barley Mow Inn," City Road	...	...	...	...	—
" Pontymoile," Birmingham-Wolverhampton Road					11
" Maisonneuve," Birmingham-Wolverhampton Rd.					11
Marler Bros., Perry's Lake	...	...	...	...	2
Cricket Field, Old Hill	...	...	...	...	—
The Dell, Moor Lane	...	...	...	...	1
" Lyndale," Moor Lane	...	...	...	...	1
Moor Lane 1	...	...	...	...	1

DISPOSAL.

The following Tips exist in the area.

<i>Situation.</i>	<i>Rent.</i>	<i>Lease Expires.</i>
Cradley Pool	£22 per annum	Annually.
Springfield Tip		This tip is now the property of the Council. It is situated on the main road and will eventually form a valuable piece of land. Tipping is estimated about 20 years.
Marl Hole, Old Hill	Council property	The life of this tip is 3 years. When completed it will form a very valuable site for a central depot.

The following table shows the distribution of refuse disposal:—

<i>Situation.</i>			<i>Loads.</i>
Marl Hole, Old Hill	...	...	1,319½
Powke Lane, Old Hill	...	...	206
Cradley Heath	...	...	1,223
Springfield	...	...	1,681½
Marl Hole Pit Shaft, Old Hill	...	...	321½
Pit Shaft, Throne Road	...	...	139½
Total ...			4,891

The above shows an increase of 108 loads on the year's working, which coincides with the number of additional houses built.

CLEANSING.

An additional 360 tons 10 cwts. of refuse has been collected owing to an increase of the population and number of premises. The latter show an increase of 94 houses.

The cost of the refuse works out as follows, which includes all loan and other overhead charges and expenses:—

Ending 31st March, 1938.	
Collection.	Disposal.
6s. 6.7d.	1s. 4.5d.

This shows a slight increase on the previous year. This is due partly to increased hygienic efficiency and also better working conditions of employees.

Two deputations have been received from other authorities who have inspected our services.

The Health Sub-Committee have made a tour of inspection during the year and found all the tips in a very satisfactory condition.

The Council has adopted a standard regulation dustbin and this is now supplied at the low present rate of 7/6 each.

TRADE REFUSE.

Collection continues at the rate of 6d. per bin, the revenue being £28, as against £38 in 1937 and £59 in 1936.

The whole system of trade refuse disposal has been reviewed and is now in full working order at the end of the year. Greater efficiency has been created, which will be shown in the next year's return.

CLEANSING SERVICE.
HOUSE AND TRADE REFUSE.

Table showing Costs for the Year ending 31st March, 1938.

Item	Particulars.	COLLECTION.		DISPOSAL.		COLLECTION AND DISPOSAL.	
		(A) (3)	(B) (4)	(A) (5)	(B) (6)	(A) (7)	(B) (8)
		(a) including (b) excluding loan charges, depreciation, revenue contributions to capital outlay and rents.		(a) including (b) excluding loan charges, depreciation, revenue contributions to capital outlay and rents.		(a) including (b) excluding loan charges, depreciation, revenue contributions to capital outlay and rents.	
(1)	(2)						
	REVENUE ACCOUNT.						
1.	Gross Expenditure ...	£ s. d. 3733 0 0	£ s. d. 3413 0 0	£ s. d. 814 0 0	£ s. d. 704 0 0	£ s. d. 4547 0 0	£ s. d. 4117 0 0
2.	Gross Income ...	—	—	28 0 0	28 0 0	28 0 0	28 0 0
3.	Net Cost ...	3733 0 0	3413 0 0	786 0 0	676 0 0	4519 0 0	4089 0 0
	UNIT COSTS.						
4.	Gross Expenditure per ton ...	£ s. d. 5 10 $\frac{3}{4}$	£ s. d. 5 4 $\frac{1}{2}$	£ s. d. 1 3 $\frac{1}{2}$	£ s. d. 1 1 $\frac{1}{2}$	£ s. d. 7 2 $\frac{1}{4}$	£ s. d. 6 6 $\frac{1}{2}$
5.	Gross Income per ton ...	—	—				
6.	Net Cost per ton ...	5 10 $\frac{3}{4}$	5 4 $\frac{1}{2}$	1 3	1 1	7 1 $\frac{3}{4}$	6 5 $\frac{1}{2}$
7.	Net Cost per 1,000 population ...	85 14 4 $\frac{1}{4}$	78 7 4 $\frac{3}{4}$	18 0 11 $\frac{1}{2}$	15 10 5 $\frac{1}{2}$	103 15 3 $\frac{3}{4}$	93 17 10 $\frac{1}{4}$
8.	Net costs, per 1,000 houses or premises from which refuse is collected ...	328 3 6 $\frac{1}{4}$	300 0 10 $\frac{1}{2}$	69 1 11 $\frac{3}{4}$	59 8 7	397 5 6	359 9 5 $\frac{1}{2}$

1. Total refuse collected (in tons)—12,679 tons.
2. Population : Midsummer, 1937—43,550.
3. Area (Statute acres)—3,828.
4. Weight (in cwts.) per 1,000 population per day (365 days to year)—15.95.
5. Number of houses and premises—11,375.
6. Method of Collection :—

	Percentage of refuse collected.
Mechanical Vehicles	
4	100%

7. Method of disposal :—Controlled tipping.
 8. Average length of haul—1½ miles.
 9. No. of employees, other than clerical :—
- Collection, 17. Disposal, 3.

(3) SANITARY INSPECTIONS OF THE AREA.

A.—THE NUMBER AND NATURE OF INSPECTIONS MADE DURING THE YEAR 1938.

HOUSES.

Recorded under the Housing Regulations :—

Houses where no defects were found to exist ...	14
Houses where defects were found to exist ...	345
Houses dangerous or injurious as to be unfit ...	229
	—588

Under Public Health Acts :—

Houses where no defects were found to exist ...	40
Houses where defects were found to exist ...	214
	—254

TOTAL NUMBER OF HOUSES inspected during the
year 1938 842

RE-VISITS to houses for work in progress 8020

SYNOPSIS OF OTHER INSPECTIONS MADE.

Nature	No of Individual premises visited	Total Number of Inspections made
Shops Inspected under Shops Acts ...	29	76
Verminous Premises	334	736
Drains	270	463
Urinals	3	3
Slaughterhouses	23	5064
Offensive Trades	1	20
Foodstores	2974	2980
Stables and Animals kept	32	40
Piggeries	40	66
Factories	271	329
Workshops	44	51
Bakehouses :—		
Factories	21	58
Workshops	7	14
Cowsheds	30	167
Dairies	22	95
Manure Pits	21	21
Canal Boats	4	4
Van Dwelling	—	—
Carbide Stores	9	15
Petroleum Stores	116	130
Smoke	23	23
Infectious Disease	194	448
Cinemas	4	6
Complaints investigated	247	247
Defective Dust Bins	649	1282
Rag and Bone Merchants	—	—
Water Courses	34	34

INTERVIEWS WITH OWNERS ... 1035

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
DWELLING HOUSES :				
Defective roofs	144	128	26	154
Defective roof of verandah and coalhouses	20	30	6	36
Defective chimneys	204	186	39	225
Defective brick work and joints of walls ...	229	250	39	289
Defective and dangerous walls	38	34	7	41
Defective or no spouting	141	175	43	218
Obstructed spouting	5	2	—	2
External painting	186	151	39	190
Defective yard paving	198	146	36	182
Insanitary structures	57	34	2	36
Accumulations	66	54	7	61
Defective Dustbins	736	489	154	643
Insufficient and insanitary ashpits ...	5	21	1	22
Dampness	236	268	52	320
Dirty dwellinghouse	23	21	3	24
Dirty living rooms	158	104	24	128
Dirty bedrooms	245	82	42	124
Dirty staircases	95	95	16	111
Dirty pantries and cellars	50	19	9	28
Dirty floors	5	—	—	—
Defective staircases	76	54	12	66
Defective or no hand rail	129	135	18	153
Defective floors	294	168	32	200
Defective and dangerous ceilings ...	26	13	3	16
Defective ceiling plaster... ..	204	178	26	204
Defective wall plaster	362	303	46	349
Defective doors; casements and steps ...	363	260	67	327
Defective firegrates, brickwork and mantles	207	133	21	154
Defective or no skirting boards	162	140	16	156
Defective window frames and fasteners ...	532	359	60	419
Defective sash cords	248	225	38	263
Fixed windows	106	76	22	98
Insufficient light and ventilation in dwelling- house	33	24	3	27
Insufficient light and ventilation in pantry	44	13	1	14
Insufficient light and ventilation in stair- case	4	—	—	—

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
Insufficient ventilation under floors ...	8	3	—	3
Defective pantry sills and steps ...	1	1	—	1
No pantry accommodation ...	1	2	—	2
Coal kept in pantry, cellar, living room ...	3	4	—	4
Water or sewage in cellar ...	1	12	—	12
Defective or no cellar grating ...	8	8	1	9
Insufficient coalhouse accommodation ...	91	40	11	51
Verminous houses ...	147	140	2	142
Verminous persons and articles ...	3	—	1	1
Overcrowded houses ...	1	1	—	1
Power of Entry ...	1	—	2	2
Notice to attend Committee re Demolition Order ...	52	—	37	37
Notice to attend Committee re Closing Order ...	8	—	9	9
Demolition Order ...	44	—	64	64
Notice to tenant of Demolition Order which has become operative ...	14	—	55	55
No cooking facilities ...	—	1	—	1
No washing facilities ...	3	2	—	2
Owners, M.O.H. name not on Rent Book	140	58	1	59
Notice of intention to carry out repairs after 7 days ...	55	—	33	33
No rent books provided ...	—	—	—	—
Defective cupboards ...	5	1	—	1
Internal painting ...	7	7	—	7
No damp-proof course ...	3	5	2	7
WASHHOUSES :				
Defective roofs ...	117	105	31	136
Defective chimneys ...	87	80	20	100
Defective brickwork and joints in walls ...	127	169	24	193
Defective and dangerous walls ...	35	9	4	13
Defective or no spouting ...	145	156	34	190
Dilapidated and dangerous washhouses ...	39	7	7	14
Dirty washhouses ...	36	41	9	50
Defective floors ...	129	101	26	127

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
Defective ceiling plaster... ..	42	44	12	56
Defective wall plaster	18	29	4	33
Defective door, casements and steps ...	135	130	12	142
Defective firegrate, brickwork, etc, ...	65	63	21	84
Defective window frames	91	105	14	119
Defective sash cords	6	6	6	12
Fixed windows	10	3	—	3
Insufficient light and ventilation ...	3	5	—	5
No washing boiler	—	—	—	—
Defective boiler	21	15	2	17
Defective boiler fireplaces	48	52	10	62
Defective boiler brickwork	51	42	3	45
Defective or obstructed sink waste pipe	18	9	5	14
Insanitary sink	42	60	10	70
Insufficient sink accommodation ...	2	—	—	—
Insufficient water supply	27	29	1	30
Insufficient washhouse accommodation ...	9	7	1	8
Coal kept in washhouse	1	—	—	—
Insanitary baking ovens	71	49	1	50
Foul and defective soft water cisterns ...	37	20	12	32
Burst Service pipes	8	8	1	9
Dampness	1	2	—	2
DRAINS AND W.C's.				
Defective roof of W.C's and ashbin Shelters	58	61	12	73
Defective brickwork and brickwork joints	82	43	16	59
Defective and dangerous walls	9	6	—	6
Defective or no spouting	37	17	7	24
Defective soil and ventilation pipes ...	3	3	1	4
Dilapidated W.C's	50	10	9	19
Dirty W.C's and drains	70	27	1	28
Defective floors	33	15	4	19
Defective wall plaster	—	—	—	—
Defective ceiling plaster... ..	—	7	—	7
Defective doors, cases and steps... ..	83	86	20	106
Defective flushing apparatus	56	57	13	70
Defective W.C. pans and joints	50	25	12	37

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
Obstructed W.C's	—	4	1	5
Defective or no seats	44	57	15	72
Burst service pipes	3	1	—	1
Insufficient light and ventilation ...	2	1	1	2
Insufficient water supply	6	1	—	1
Insufficient drainage	5	16	1	17
Insufficient W.C. accommodation ...	61	28	5	33
Defective drains	18	9	7	16
Obstructed drains	28	20	9	29
Defective gullies and gully gratings ...	4	4	—	4
Broken inspection chamber covers ...	8	12	—	12
Foul privies and pails	1	7	—	7
Insanitary cesspools	—	—	—	—
Defective roof of privy	—	1	—	1
Defective pails	1	—	—	—
FACTORIES :				
Insufficient Urinal Accommodation ...	—	—	—	—
Insufficient W.C. accommodation ...	6	—	—	—
Insufficient Water supply	1	—	—	—
Verminous	2	3	—	3
Insufficient drainage	—	—	—	—
Dirty W.C's (Women)	10	2	—	2
(Men)	24	4	—	4
Defective or no seats (Women)	2	2	—	2
(Men)	4	1	—	1
Defective W.C. pans and joints (Women)	2	1	—	1
(Men)	4	2	—	2
Defective roofs (Women)	—	—	—	—
(Men)	1	2	—	2
Defective floors (Women)	—	1	—	1
(Men)	2	2	—	2
Defective brickwork and joints (Women)	—	1	—	1
(Men)	1	1	—	1
Defective door, fastenings (Women)	17	4	—	4
(Men)	5	—	—	—

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
Defective vent pipes and inspection covers				
(Women)	—	—	—	—
(Men)	1	—	—	—
Insufficient screening (Women)	1	2	—	2
(Men)	—	2	—	2
Dangerous and dilapidated (Women)	—	1	—	1
(Men)	—	—	—	—
Insufficient paving to W.C's (Women)	2	2	—	2
(Men)	1	1	—	1
Insufficient light and ventilation (Women)	1	1	—	1
(Men)	1	—	—	—
Defective flushing apparatus (Women)	1	—	—	—
(Men)	1	—	—	—
Insufficient spouting etc. (Women)	1	—	—	—
(Men)	—	—	—	—
No washing facilities (Women)	—	—	—	—
(Men)	1	—	—	—
No facilities for meals	1	—	—	—
Dust and Smoke Nuisances	—	1	—	1
Doors opening inwards	20	12	—	12
Insufficient number of exits	1	1	—	1
Water supply not labelled drinking water	4	2	—	2
No drinking receptacles	4	3	—	3
Lack of iron escape staircase	1	1	—	1
Accumulations	—	2	—	2
WORKSHOPS :				
Dangerous and dilapidated	12	8	5	13
Insanitary chain hearths	15	28	1	29
Filthy	4	2	—	2
Defective roofs	—	—	—	—
Defective doors	—	—	—	—
Defective floors	—	—	—	—
Defective walls	—	—	—	—
Defective spouting	—	1	—	1
Insufficient W.C. accommodation	—	—	—	—
Accumulations	—	—	—	—
Defective chain hearth chimneys	—	3	—	3

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
PIGGERIES :				
Filthy	27	20	—	20
Dilapidated	2	2	—	2
Defective roof	10	3	—	3
Defective walls	—	—	—	—
Defective floors	—	—	—	—
Accumulations	2	2	—	2
Keeping pigs within 60ft. from dwelling- house	—	—	—	—
SLAUGHTERHOUSES :				
Dirty slaughterhouses	27	29	—	29
Dirty fasting pens	57	61	—	61
Defective brickwork joints in walls ...	1	3	—	3
Accumulations	8	11	—	11
Defective yard paving	5	4	—	4
Defective spouting	2	1	—	1
Insanitary offal pits	1	—	—	—
Defective boiler and boiler brickwork ...	2	2	—	2
Slaughterhouse nameplate illegible ...	1	3	—	3
Defective roofs	1	1	—	1
Defective doors	4	11	—	11
Defective floor	1	1	—	1
Defective offal rails	1	—	—	—
Defective window	1	—	—	—
Burst service pipes	—	—	—	—
Filthy fat boards and implements ...	3	3	—	3
Defective and dangerous winding gear ...	2	3	—	3
Verminous	—	1	—	1
Contravention of Slaughter of Animals Act	7	8	—	8
Contravention of Byelaws	—	—	—	—
Obstructed and defective drains... ..	—	—	—	—
Defective offal bins	—	—	—	—
Contravention of Meat Regulations ...	10	9	—	9
Defective tying rope	1	1	—	1
Defective captive bolt pistol	1	1	—	1
No pump inflator	1	—	—	—
Fouling pavements with hides and skins	1	—	—	—

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of Defects remedied
		Informal action	Formal action	
BAKEHOUSES :				
Defective roofs	5	1	—	1
Defective chimneys	1	—	—	—
Defective brickwork joints	2	1	—	1
Insufficient ventilation	2	—	—	—
Defective window frame	1	1	—	1
Defective spouting	6	1	—	1
Dirty floors	—	7	—	7
Dirty bakehouses	11	8	—	8
Accumulations	3	—	—	—
Dirty windows	—	1	—	1
Dirty W.C..	—	—	—	—
Defective yard paving	1	—	—	—
Leaky manure pits	1	—	—	—
Insanitary sink	2	—	—	—
FOODSTORES :				
Dirty walls	19	13	—	13
Dirty floors	1	—	—	—
Defective floors	—	—	—	—
Defective roof	—	—	—	—
Defective ceilings	—	—	—	—
Fixed window	1	—	—	—
Obstructed Drains	—	—	—	—
Defective W.C. seat	—	—	—	—
Verminous	1	3	—	3
Accumulations	5	7	—	7
Paraffin kept in	—	—	—	—
Contravention of Meat Regulations	4	9	—	9
Dirty utensils	1	1	—	1
Defective bins	7	6	—	6
Insufficient sink accommodations	1	1	—	1
External and Internal painting required...	3	1	—	1

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Total No. of D efects remedied
		Informal action	Formal action	
STABLES AND ANIMALS :				
Accumulations of Manure	8	12	1	13
Dirty stables	6	5	—	5
Insanitary manure pits	—	—	—	—
Insufficient drainage	1	1	—	1
Nuisance from keeping animals	5	7	—	7
Defective stable door	—	—	—	—
Dilapidated stable	1	1	—	1
Verminous	1	1	—	1
COWSHEDS :				
Accumulation of manure	5	5	—	5
Defective roofs	—	—	—	—
Insanitary cowsheds	—	—	—	—
Dirty walls and ceiling	10	9	—	9
Dirty milking stools	2	2	—	2
Dirty floors	1	3	—	3
Insufficient water supply	—	—	1	1
Defective windows	—	—	—	—
Defective or no spouting	—	—	—	—
Insufficient paving	—	—	—	—
Defective brickwork and joints	—	—	—	—
Insufficient drainage	—	—	—	—
Defective feeding troughs	—	—	—	—
Insufficient light and ventilation	—	—	—	—
Dirty cows	38	36	—	36
Defective floors	1	—	3	3
DAIRIES :				
Defective yard paving	—	—	—	—
Dirty walls and ceiling	6	6	—	6
No sterilizing plant	2	2	—	2
No dairy accommodation	1	1	—	1
Dairy utensils kept in living room	1	1	—	1
Accumulations	1	—	—	—
Insufficient covering of milk churns	1	—	—	—

Nature of Defects or Nuisances discovered during 1938.	No. of Defects found	No. of Defects remedied by		Tctal No. of Defects remedied
		Informal action	Formal action	
URINALS :				
Dirty and insanitary	1	1	—	1
Insufficient urinal accommodation ...	—	1	—	1
Insufficient screening	1	1	—	1
VAN DWELLINGS :				
Erection of Temporary building without submission of plans... ..	—	—	—	—
Permitting erection of temporary building without submission of plans ...	—	—	—	—
SMOKE	2	2	—	2
CINEMAS :				
No hand rail to Emergency Exit of operat- ing room	—	—	—	—
Insufficient W.C. accommodation ...	1	—	—	—
PETROLEUM STORES :				
Defective covers on tanks	11	3	—	3
Insufficient or obstructed ventilation pipes	2	1	—	1
CARBIDE STORES :				
Accumulations	1	—	—	—
OFFENSIVE TRADES :				
Leaky condensing pipes	—	—	—	—

B. THE NUMBER OF NOTICES SERVED DURING THE YEAR, 1938.

(Distinguishing Statutory from Informal).

The number of :—

INFORMAL NOTICES on the books, 31st December, 1937	752	
FORMAL NOTICES on the books 31st December, 1937	296	
INFORMAL NOTICES SERVED DURING THE YEAR, 1938	1258	
INFORMAL NOTICES SERVED DURING THE YEAR, 1938 Re Shops Act	59	
FORMAL NOTICES served during the year, 1938...	316	
	—	2681

C. THE RESULT OF THE SERVICE OF SUCH NOTICES.

INFORMAL NOTICES complied with in 1938, which were outstanding 31st December, 1937	412	
INFORMAL NOTICES complied with in 1938, which were served during the year	893	
INFORMAL NOTICES complied with in 1938, which were served during the year re Shops Act	58	
FORMAL NOTICES complied with in 1938, which were outstanding 31st December, 1937 ...	146	
FORMAL NOTICES complied with in 1938, which were served during the year	158	
	—	1667
TOTAL NUMBER OF NOTICES on the books 31st December, 1938 (For analysis below)	1014	
Formal	308	
Informal	706	
	—	1014

DETAILED PARTICULARS OF COMPLAINTS

made during the year, 1938,

respecting alleged Nuisances and Defects.

Defective houses	...	...	...	...	...	130
Verminous houses and premises			...	...	...	100
Filthy dwelling houses		...	...	...	...	9
Defective dustbins	...	...	...	...	...	14
Water and sewage in cellars	...		...	...	...	1
Obstructed and defective drains			...	...	...	113
Offensive smells	...	...	...	...	...	8
Smoke nuisances	...	...	...	...	...	15
Accumulations	...	...	...	...	...	8
Defective and obstructed W.C.			...	...	...	16
Overcrowded dwelling houses	...		...	...	...	10
Animals kept so as to be a nuisance			...	...	...	1
Insanitary structures		...	...	...	...	2
Damaged Furniture		...	...	...	...	1

DETAILS OF PROSECUTIONS AND SUMMONSES SERVED.

Date.	Place.	Nature of Offence.	Result.
1938. January, 19th	20-1 High Street, Blackheath	Exposing for sale a piece of meat which was diseased and unfit for human consumption	Fine £5 and costs.
January, 19th	Ditto.	Ditto.	Fine £5 and costs.
April 27th	76 Birmingham Road, Blackheath	Failing to close shop for the serving of customers at 8 p.m.	Fine 10/-
April 27th	Ditto.	For Aiding and Abetting.	Fine 5/-.
April 27th	Ditto.	Ditto.	Fine 5/-.
May 11th	45 Grainger's Lane, Cradley Heath	For failing to cleanse and disinfest the premises.	Fine £1.
May 18th	Cradley Heath Tip	Sorting material on refuse Tip, Public Health Act, 1936, Section 76 (3) (b).	Dismissed Costs 4/-.
May 18th	Ditto.	Ditto.	Dismissed Costs 4/-.
May 18th	Ditto.	Ditto.	Dismissed Costs 4/-.
May 26th	At rear of Nos. 18 and 19 Hill Passage, Old Hill	Dangerous buildings at rear of Nos. 18 and 19 Hill Passage, Old Hill	Order made for 14 days. 8/6 costs.
July 27th	Grainger's Lane, Slaughteringhouse	Failing to notify Slaughtering on 25th May, 1938	Fine £1.
July 27th	Ditto.	For aiding and abetting	Fine £1.
July 27th	Ditto.	Removing meat within 3 hours after slaughter	Fine £1.
July 27th	Ditto.	Depositing a beasts head for the purpose of sale for human food which was unfit.	Fine £1.
July 27th	Ditto.	Slaughtering without giving proper notice on 29th June, 1938	Fine £1.
July 27th. Sept. 28th	Ditto. Forge Lane, Cradley Heath	Failing to notify disease. Sorting over material in Cradley Heath Refuse Tip	Fine £1.
Oct. 26th	166 and 167 High Street, Cradley Heath	Exposure for sale of unsound food, i.e., tins of fruit	Fine 10/-
Oct. 26th	Ditto.	Aiding and abetting	Fine £5.
Dec. 21st	110 Halesowen Street, Blackheath	Failing to close shop for the serving of customers at 8 p.m.	Fine £1.

CANAL BOATS.

Total number of boats inspected...	...	4
Number of boats conforming to the Acts and Regulations	... ..	4
Number of boats infringing the Acts and Regulations	... ..	—
Total number for which the cabins were registered...	... ..	22
Total number occupying the cabins	...	10
Details of occupation : Male adults	...	4
Female adults	...	3
Children of School age	...	1
Children under School Age	...	2
		—
		10

OUTWORKERS.

During the year 31 lists have been received containing 234 names. 16 reminders were sent out to employers.

**ADMINISTRATION OF THE FACTORY AND WORKSHOPS
ACT, 1901, AND THE FACTORIES ACT, 1937** (which superseded
the Act of of 1901 on 1st July, 1938).

A report as to the Inspections made is given below.

1. -INSPECTIONS for purposes of provisions as to health.
Including Inspections Made by Sanitary Inspectors.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers prosecuted (4)
FACTORIES with mechanical power ...	387	36	—
FACTORIES without mechanical power ...	65	10	1
OTHER PREMISES under the Act (includ- ing works of building and engineering con- struction but not including outworkers' premises)	—	—	—
Total	452	46	1

2.—Defects found.

Particulars (1)	Number of Defects			Number of defects in respect to which Prosecutions were instituted (5)
	Found (2)	Reme- died (3)	Referred to H.M. Inspector (4)	
Want of cleanliness (S.1)	49	24	—	—
Overcrowding (S.2)	—	—	—	—
Unreasonable temperature (S.3) ...	—	—	—	—
Inadequate ventilation (S.4)... ..	2	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—
Sanitary Conveniences (S.7) {	Insufficient	6	—	—
	Unsuitable or	—	—	—
	Defective.	47	26	—
	Not separate for sexes	—	—	—
Other offences (Not including offences relating to Home Work of offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories & Workshops Transfer of Powers) Order, 1921 and re-enacted in the Third Schedule to the Factories Act, 1937)	84	75	—	2
Total ...	188	125	—	2

(IV.) SHOPS.

The Shops Act in its entirety is carried out by the Sanitary Staff and the following activity is recorded:—

Shops inspected 29 Re-visits 76

No. found defective 13

No. of Notices served ... 59 (This includes for serving after hours).

No. of Notices complied with 16 (This includes Notices from previous year).

Nature of Defects discovered especially relating to Vent. Temp. and San. Conveniences.	No. of defects found	No. of defects remedied
Defective flushing apparatus	1	1
Insufficient W.C. accommodation	3	5
Insufficient Ventilation	1	—
Dirty Walls and ceilings	5	5
Insufficient water supply	5	6
Insufficient washing facilities	5	9
Insufficient drainage	2	2
No facilities for meals	4	6
Dirty Water Closets	1	1
Defective wall plaster	1	1
Defective floors	1	4
Defective window frames	—	1
Defective door, cases and steps	—	3

Observations for closing are made on Thursday afternoons, which is the recognised half-holiday, and also periodically in the evenings.

In the cases of contravention written notices are given at the time of offence. In the event of a further offence proceedings are instituted.

No. of written warnings given 46

No. of prosecutions 4

Amount of fines obtained £2

(V.) CAMPING SITES.

There are no camping sites in the area and no licences have been granted.

(VI.) SMOKE ABATEMENT.

Two complaints of nuisances have been received and observations taken. Two notices have been served and complied with.

The chief smoke nuisances in the area occur from Brick Kilns as follows:—

1. Halesowen Road, Old Hill—Red Brick Making.
2. Powke Lane, Old Hill—Blue Brick Making.
3. Brades, Tividale—Blue Brick Making.
4. Rattlechain Brickworks, Tividale—Blue and Red Brick Making.
5. Doulton Road—Sanitary Ware Kilns.

Regarding No. 1, these kilns are of the side firing type and whilst not so easy of control as the overhead kind, some effort should be made to minimise the emission and control. Nos. 2 and 3 present a very difficult problem as it is absolutely necessary to create a reducing atmosphere to manufacture the goods.

Similar remarks are applied to Nos. 4 and 5, but with regard to No. 5 these premises are far from a built-up area and no complaints have been received.

Other nuisances which have received the attention of the Department during the year are from the dust arising from stone cracking plants.

One firm has installed a cyclone dust extracting appliance with filter bag attachments and further considerations are in hand. This has been done by co-operative action with the Local Authority and the firm concerned. Unfortunately these installations are extremely costly.

(VII.) SWIMMING BATHS AND POOLS.

- (a) A Public Open Air Swimming Bath owned by the Council exists at Haden Hill Park. The water has been sampled and found satisfactory.
- (b) There are no privately owned Swimming Pools in the district which are open to the Public.

(VIII.) ERADICATION OF BED BUGS.

- | | | | | |
|----|-------------------------------------|-----|-----|------|
| 1. | (a) (I) Council Houses infested | ... | ... | 59 |
| | (b) (I) Other Houses infested | ... | ... | 26 |
| | | | | — 85 |
| | (a) (II) Council Houses disinfested | ... | ... | 59 |
| | (b) (II) Other Houses disinfested | ... | ... | 26 |
| | | | | — 85 |
2. Houses are disinfested from bugs by (a) Sulphur gas, (b) spraying with Zaldecide, (c) in the case of new houses or Council houses Hydro Cyanide Gas is used. In the latter case disinfestation is only done where the whole block of houses can be simultaneously treated.
 3. It is a condition of granting a tenancy to a Council House or an exchange of houses that the furniture is subject to Hydro-Cyanide Gas and the bedding and soft goods are subject to steam disinfection irrespective of infestation. Only in very exceptional cases is this rule not adhered to.
 4. All the work of disinfestation is carried out by the Local Authority under qualified supervision
 5. Tenants to Council Houses are instructed at the time of removal as to the possible occurrence and the prevention of bugs. On 15th August, 1938, a lady supervisor working under the Housing Manager was appointed, and her duties are to visit all Council houses and instruct the tenants. Cases of infestation are reported to this department and suitably dealt with. Where tenants do not make personal efforts to keep clean and are found to be infested prosecution follows. One case of prosecution has been taken during the year for bugs and the defendant was fined £1.

The following is a summary of the work carried out during the year:—

Disinfestation by SO₂ — 13 houses.

Disinfestation by HCN — 34 houses.

Disinfestation by Spraying 38 houses.

452 van loads of furniture have been removed and gassed with HCN which represents 620 houses before removal to Council houses.

The following articles have passed through the steam disinfector for the eradication of the bug:—

Beds	...	...	...	474
Overlays	...	...	...	444
Bolsters	...	...	...	303
Pillows	...	...	...	755
Blankets	...	...	...	5
Sheets	...	...	...	944
Eiderdowns	...	...	...	14

The following articles have been destroyed by fire:—

Straw mattresses	...	...	...	8
Overlays	...	...	...	2
Beds	...	...	...	4
Pillows	...	...	...	4

The following articles have been damaged in removal for disinfestation purposes:—

2 Chair seats	Total cost
1 Sofa seat	of damage,
1 Chest of drawers	£1 4s. 6d.

The following houses have been disinfested and the costs recovered from the owners:—

Situation	Cost
5, Powke Lane, Blackheath	£1 0 0
25, Highmoor Road	£2 0 0
29 and 30, Portway Road	£2 10 0
28a, Cradley Road	£2 10 0
24, Peartree Lane	£2 0 0

SCHOOLS.

The water supply is through the South Staffordshire Water Works Company and in itself is satisfactory. School accommodation is from time to time inspected and various defects are remedied by the Education Committee. The Medical Officer of Health is also School Medical Officer, so that the work of the Sanitary Department is co-ordinated with that of the Education Committee.

HOUSING.

1. Inspection of Dwelling-houses during the Year :—

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	842
	(b)	Number of inspections made for the purpose	8862
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	588
	(b)	Number of inspections made for the purpose	8032
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	229
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	559

2. Remedy of Defects during the Year without service of Formal Notices :—

		Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	528
--	--	------------------------------------------------------------------------------------------------------------------------------------	-----

3. Action under Statutory Powers during the Year :—

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—

(1)		Number of dwelling-houses in respect of which notices were served requiring repairs ...	95
(2)		Number of dwelling-houses which were rendered fit after service of formal notices :—	
	(a)	By Owners	48
	(b)	By Local Authority in default of owners	6

(b)	Proceedings under Public Health Acts :—				
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	...	...	35
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—				
(a)	By Owners	...	...	...	31
(b)	By Local Authority in default of owners				10
(c)	Proceedings under section 11 and 13 of the Housing Act, 1936 :—				
(1)	Number of dwelling-houses in respect of which Demolition Orders were made	...	...	...	44
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	64
(d)	Proceedings under Section 12 of the Housing Act, 1936 :—				
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	...	—
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	...	...	—
4.	Housing Act, 1936—Part IV.—Overcrowding :—				
(a)	(1)	Number of dwellings overcrowded at the end of the year	...	...	305
	(2)	Number of families dwelling therein	...	...	342
	(3)	Number of persons dwelling therein	...	...	1326
(b)	Number of new cases of overcrowding reported during the year				9
(c)	(1)	Number of cases of overcrowded relieved during the year	...	...	181
	(2)	Number of persons concerned in such cases	...	...	1311

- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding —
- (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ... —

In addition to the above, Notices were served on properties in respect of defective dustbins as follows:—

Preliminary notices served	...	...	...	501
Preliminary notices complied with	...	...	...	479
Legal notices served	...	...	...	148
Legal notices complied with by the owner	...	...	...	121
Legal notices complied with by the Local Authority	...	...	...	33

The following work was carried out by the Council under Section 9 of the Housing Act, 1936, in default of the owners:—

		£	s.	d.
3	Siviter's Lane, Rowley Regis	13	1	0
4	„ „ „ „	8	15	6
5	„ „ „ „	11	1	6
6	„ „ „ „	13	10	0
37	Dudley Road, Springfield	79	11	0
38	„ „ „ „	52	14	3

Situation of Properties upon which Demolition Orders have been made:—

- 2 Silverthorne Lane, Cradley Heath.
- 3 „ „ „ „
- 143 Corngreaves Road, Cradley Heath.
- House occupied by Richard Taylor, Sacker's Bank, Station Road, Old Hill.

House occupied by Wm. Henry Priest, Sacker's Bank, Station Road, Old Hill.

21 Cradley Road, Cradley Heath.

22 " " " "

14 Grainger's Lane, Cradley Heath.

58 Bannister Street, Cradley Heath.

119 Halesowen Street, Blackheath.

120 " " "

121 " " "

122 " " "

123 " " "

67 Peartree Street, Old Hill.

68 " " " "

Bungalow occupied by Plant, Lion Road, Old Hill.

Bungalow occupied by Taylor and Griffiths, Lion Road, Old Hill.

21 Reddal Hill Road, Old Hill.

22 " " " " "

23 " " " " "

3 Moor Lane, Rowley Regis.

4 " " " "

5 " " " "

6 " " " "

7 " " " "

8 " " " "

9 " " " "

10 " " " "

11 " " " "

12 " " " "

13 " " " "

14 " " " "

- 15 „ „ „ „
 16 „ „ „ „
 18 Woodall Street, Cradley Heath.
 91 Springfield Lane, Springfield.
 92 „ „ „ „
 31 Portway, Rowley Regis.

House occupied by David Neat, Moor Lane, Rowley Regis.

House occupied by Downton, Moor Lane, Rowley Regis.

28 Providence Street, Cradley Heath.

- 29 „ „ „ „
 30 „ „ „ „

The following houses were demolished by the Council in default of the owners:—

111 Corngreaves Road

- | | | |
|----------------|---|-------------------------|
| 112 „ „ | } | Cost of demolishing £17 |
| 113 „ „ | | |
| 3 Windmill End | } | Cost of demolishing £5 |

20 Reddal Hill Road Cost of demolishing £4/10/

26 Queen St., Cradley Heath

- | | | |
|------------------------|---|-------------------------|
| 27 „ „ „ „ | } | Cost of demolishing £19 |
| 28 „ „ „ „ | | |
| 29 „ „ „ „ | | |

214 Throne Road, Rowley Regis

- | | | |
|-------------------------|---|------------------------|
| 215 „ „ „ „ | } | Cost of demolishing £3 |
| 216 „ „ „ „ | | |
| 218 „ „ „ „ | | |
| 219 „ „ „ „ | | |
| 220 „ „ „ „ | | |

The following Clearance Areas which were presented to the Council in July, 1937 and which were referred back for a total period of 5 months, were finally rejected by the Council in January, 1938.

Bank Street No. 2 Clearance Area	...	...	...	Comprising of 3 houses.
Moor Lane Clearance Area	...	...	...	Comprising of 17 houses.
Waterfall Lane Clearance Area	...	...	...	Comprising of 2 houses.
Ross Clearance Area	...	...	...	Comprising of 12 houses.
Shepherd's Fold Clearance Area	...	...	...	Comprising of 17 houses.
Church Road No. 2 Clearance Area	...	...	...	Comprising of 8 houses
Rowley Village No. 5 Clearance Area	...	...	...	Comprising of 5 houses.
Tippity Green No. 2 Clearance Area	...	...	...	Comprising of 3 houses.

The following Compulsory Purchase Order, and Clearance Areas have been dealt with during 1938.

Year 1938	Surfeit Hill Clearance Area	...	Comprising of 5 houses	Presented to Council July, 1937	Accepted February, 1938.	Enquiry held 2nd Nov., 1938.
	Corngreaves Road No. 5 Clearance Area	... ..	Comprising of 26 houses	Presented to Council July, 1937	Accepted January, 1938.	Enquiry held 2nd Nov. 1938.
	Grainger's Lane Clearance Area	...	Comprising of 4 houses	Presented to Council, July, 1937	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Lower High Street, Cradley Heath Clearance Area	... ..	Comprising of 2 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Bank Street No. 1 Clearance Area, Cradley Heath	... ..	Comprising of 3 houses	Presented to Council, July, 1937	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Providence Street No. 1 Clearance Area	... ..	Comprising of 4 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Providence Street No. 2 Clearance Area	... ..	Comprising of 3 houses	Presented to Council, July, 1937	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Providence Street No. 3 Clearance Area	... ..	Comprising of 11 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Newtown Lane Clearance Area	...	Comprising of 2 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
	Reddal Hill Road No. 2 Clearance Area		Comprising of 5 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938

The following Compulsory Purchase Order and Clearance Areas have been dealt with during 1938.

Brook Lane Clearance Area ...	Comprising of 5 houses	Presented to Council, July, 1937.	Accepted January 1938.	Enquiry held 2nd Nov., 1938
Halesowen Road Clearance Area ...	Comprising of 4 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Cox's Lane Clearance Area ...	Comprising of 6 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Gawne Lane Clearance Area ...	Comprising of 14 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Elbow Street No. 2 Clearance Area	Comprising of 2 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Elbow Street No. 3 Clearance Area	Comprising of 3 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
King Street, Old Hill No. 1 Clearance Area	Comprising of 4 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
King Street, Old Hill No. 2 Clearance Area	Comprising of 9 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
King Street, Old Hill No. 3 Clearance Area	Comprising of 4 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Powke Lane No. 3 Clearance Area ...	Comprising of 5 houses	Presented to Council July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938

The following Compulsory Purchase Order and Clearance Areas have been dealt with during 1938.

Beet Street Clearance Area	...	Comprising of 2 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Oldbury Road No. 2 Compulsory Purchase Area	...	Comprising of 3 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Oldbury Road No. 3 Compulsory Purchase Area	...	Comprising of 6 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Whiteheath Clearance Area...	...	Comprising of 14 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Church Road No. 1 Compulsory Purchase Area	...	Comprising of 3 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Club Buildings Clearance Area	...	Comprising of 7 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Tippity Green No. 1 Clearance Area...	...	Comprising of 4 houses	Presented to Council, July, 1937.	Accepted January, 1938.	Enquiry held 2nd Nov., 1938
Tippity Green No. 3 Clearance Area	...	Comprising of 4 houses	Presented to Council, April, 1938.	Accepted April, 1938.	Enquiry not yet held.
Shepherd's Fold Clearance Area	...	Comprising of 17 houses	Presented to Council, October, 1938.	Accepted October, 1938.	Enquiry not yet held.
Darby's Hill Clearance Area	...	Comprising of 2 houses	Presented to Council, October, 1938.	Accepted October, 1938.	Enquiry not yet held.

The following is the position of the individual demolitions and clearance areas up-to-date.

Year.	Clearance Areas :—		Individual demolition.	Closing Orders.	Agreements made not to relet after vacation.
	No. of Areas.	No. of houses confirmed.			
1931-1936	22	358	236	10	7
1937	33	279	39	—	5
1938	30	—	44	8	5
Totals ...	85	637	319	18	17

The 30 clearance areas represented and dealt with in 1938, represented 183 houses as previously scheduled and as the confirmation was not received until 1939 these are not embraced in the report for 1938.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

(a)—Milk Supply.

There are 14 cowkeepers in the district occupying 30 cow-sheds. The approximate number of milch cows is 168. There are now three bottling establishments for Sterilized Milk and also one for Pasteurised Milk. One Sterilizing Milk Establishment has been closed.

No. of Retail Purveyors of Milk on Register on December 31st, 1938	301
--------------------------------------------------------------------	-----	-----	-----	-----	-----	-----

No. of Wholesale Traders and Producers on Register on December 31st, 1938	24
---------------------------------------------------------------------------	-----	-----	-----	-----	-----	----

No. of Pasteurising Licences granted	1
--------------------------------------	-----	-----	-----	-----	---

Supplementary Licences granted:—

Tuberculin tested	...	...	...	...	5
Pasteurised	...	...	...	...	7
Accredited	...	...	...	...	4

Results of examination of milk samples taken by the Official Sampling Officer of the County Council in the Borough of Rowley Regis during the year 1938:—

Specially Designated Milks.

				Cleanliness		
				Satis- factory	Unsatis- factory	T.B.
“ Accredited ”	...	...	1	1	—	—
“ Tuberculin Tested ”	...		2	1	1	—
“ Pasteurised ”	...	...	7	7	—	—
Tuberculin Tested						
Pasteurised	...	...	1	1	—	—
The Pasteurised samples also passed the Phosphatase Test.						
Undesignated Milk	...		66	19	47	1

(b)—Meat and Other Foods.

During the year one slaughterhouse became vacant and the owners have been informed that no further licence would be granted. Six Registered and 16 Licensed Establishments have been in continuous use. The Health Sub-Committee made a tour of inspection just before the end of the year, and one slaughterhouse licence was to be refused for the year 1939.

There has been a good deal of variation in the trade during the 1938 period, several businesses changing hands. One establishment conducted at premises outside the area the slaughtering which was done inside the district, has ceased.

The Butchers' Mutual Insurance Scheme for cattle still continues. The total insurance paid in was £341 17s. 6d. This shows an increase of 13.6% over last year. Claims and expenses paid amounted to £67 18s. 2d., whilst a "no claim" bonus of 2½% was paid to the remaining members.

An analysis of the meat condemned shows a total of over 22½ tons. This shows an increase of over 7 tons on the year's working. This is definitely accounted for by the fact that every known carcase killed in the area is inspected. It is necessary for one Inspector to be kept fully employed on this work in the two lower wards of the Borough. Approximately 10% of the meat slaughtered is sold in neighbouring towns.

One sheep on inspection was found to be affected by Tuberculosis.

The following defects were found and dealt with during the year:—

SLAUGHTERHOUSES.

Nature of Defects or nuisances discovered during 1938.	No. of Defects found	No. of defects remedied by		Total No. of Defects remedied.
		Informal Action.	Formal Action.	
Dirty Slaughterhouses	27	29	—	29
Dirty fasting pens	57	61	—	61
Defective brickwork joints in walls	1	3	—	3
Accumulations	8	11	—	11
Defective yard paving	5	4	—	4
Defective spouting	2	1	—	1
Insanitary offal pits	1	—	—	—
Defective boiler and boiler brick- work	2	2	—	2
Slaughterhouse nameplate illegible	1	3	—	3
Defective roofs	1	1	—	1
Defective Doors	4	11	—	11
Defective Floor	1	1	—	1
Defective offal rails	1	—	—	—
Defective windows	1	—	—	—
Burst Service Pipes	—	—	—	—
Filthy fat boards and implements	3	3	—	3
Def. and dangerous winding gear	2	3	—	3
Verminous	—	1	—	1
Contravention of the Slaughter of Animals Act	7	8	—	8
Contravention of Byelaws	—	—	—	—
Obstructed and defective drains...	—	—	—	—
Defective offal bins	—	—	—	—
Contravention of Meat Regulations	10	9	—	9
Defective tying rope	1	1	—	1
Defective captive bolt pistol ...	1	1	—	1
No pump inflator	1	—	—	—
Fouling pavements with hides and skins	1	—	—	—

FOODSTORES.

Nature of Defects or nuisances discovered during 1938.	No. of Defects found	No. of defects remedied by		Total No. of Defects remedied
		Informal Action	Formal Action	
Dirty walls	19	13	—	13
Dirty floors	1	—	—	—
Defective floor	—	—	—	—
Defective roofs	—	—	—	—
Defective ceilings	—	—	—	—
Fixed windows	1	—	—	—
Obstructed drains	—	—	—	—
Defective W.C. seat	—	—	—	—
Verminous	1	3	—	3
Accumulations	5	7	—	7
Paraffin kept in	—	—	—	—
Contraventions, Meat Regulations	4	9	—	9
Dirty utensils	1	1	—	1
Defective bins	7	6	—	6
Insufficient sink accommodation	1	1	—	1
External and Internal Painting required	3	1	—	1

Carcases inspected and condemned.

	Cattle exclud- ing cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known) ...	1239	2377	110	14140	6477
Number inspected ...	1266	2400	110	14473	6600
All diseased except Tuberculosis					
Whole carcasses condemned ...	—	4	—	13	6
Carcasses of which some part or organ was condemned ...	21	309	—	652	329
Percentage of the number in- spected affected with disease other than tuberculosis ...	1.65%	13.04%	—	4.6%	5.07%
Tuberculosis only :—					
Whole carcasses condemned ...	2	4	—	—	2
Carcasses of which some part or organ was condemned ...	49	614	—	1	168
Percentage of the number in- spected affected with tuber- culosis ...	4.02%	25.75%	—	.007%	2.57%

Included in the above figures, a total of 506 animals were inspected which were not slaughtered in the district but which were sent in the area for sale.

*The undermentioned meat and food was condemned and
destroyed during the year.*

	Weight (Lbs.)
Beasts Carcasses ...	5,185
Parts of Carcasses ...	350
Beasts' Heads ...	4,029
Beasts' Lungs ...	10,729
Beasts' Livers ...	5,354
Beasts' Kidneys ...	146
Beasts' Hearts ...	70
Beasts' Spleens ...	11
Beasts' Offal ...	12,165
Sheep Carcasses ...	782
Parts of Carcasses ...	12
Sheep Plucks ...	36
Sheep Lungs ...	780
Sheep Livers ...	1,802
Sheep Hearts ...	2

Pigs' Carcases	...	...	818
Parts of Carcases	...	...	86
Pigs' Heads	...	...	1,787 $\frac{3}{4}$
Pigs' Plucks	...	...	616
Pigs' Lungs	...	...	644
Pigs' Livers	...	...	141
Pigs' Hearts	...	...	36
Pigs' Kidneys	...	...	3
Pigs' Offal	...	...	418
Sausages	...	...	7
Rabbits	...	...	3
Hams (9)	...	...	259
Cauliflowers	...	...	4,480

Total Weight: 22 tons 13 cwts. 0 qrs. 15 $\frac{3}{4}$ lbs.

There is no meat marketing scheme in force under Part III. of the Public Health (Meat) Regulations, 1924.

(c)—*Food and Drugs (Adulteration) Act, 1928.*

The Staffordshire County Council is the Authority under this Act, and I am indebted to the County Medical Officer for the following particulars of the various foods, etc., sampled in the Borough, which have been submitted to the County Analyst during the year:—

Article of Food.	No. of Samples.	Genuine.	Adulterated.
Milk ...	60	52	8
General Foods (List given below) ...	9	9	—

Remarks on Adulterated Samples.—Six samples of milk were slightly deficient in fat and the respective vendors were cautioned. Two samples, taken on separate dates, from the same vendor, were deficient in fat, and it was found that the deficiencies were due to the vendor failing to keep the milk mixed. Proceedings were instituted and the vendor was fined £1 and £1 11s. 6d. special costs.

General Foods.

Article.	Number	Genuine	Adulterated
Butter	1	1	—
Coffee	1	1	—
Lard	1	1	—
Margarine	1	1	—
Malted Milk	1	1	—
Pepper	1	1	—
Skimmed Milk—condensed, tinned	2	2	—
Vita-cup	1	1	—
	9	9	—

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The following table gives the particulars required by the Ministry of Health :—

DISEASE	Cases Notified													Admitted to Isolation Hospital	Deaths												
	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over	Total		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over	Total
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	92	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	1	2	9	2	7	39	22	5	2	3	...	...	...	50	...	1	3	...	1	5	1	...	...	...	...	...	11
Scarlet Fever	1	1	...	1	3	24	6	2	3	...	...	...	...	41	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...	...	...	1
Pneumonia	3	2	1	2	2	7	4	2	15	15	8	2	...	63	...	9	3	1	1	1	...	1	1	3	14	9	43
Erysipelas	...	...	1	...	...	...	...	1	...	2	3	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	1	2
Cerebro-spinal Fever	2	...	...	...	1	...	...	...	...	...	...	...	...	3	...	1	...	...	1	...	...	...	...	...	...	...	2
Ophthalmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neonatorum	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

SMALL POX.

No case occurred during the year.

DIPHTHERIA.

92 cases were notified as against 31 last year. The case rate per 1,000 population was 2.08 against 1.58 for England and Wales. The annual death rate per 1,000 population from this disease was 0.25 in Rowley Regis as compared with 0.07 for England and Wales, and 0.06 for the "Smaller Towns."

The table given below shows both the ward distribution and the monthly incidence of the cases.

Month.	Cradley Heath.	O'd Hill.	Black-heath.	Rowley Regis.	Tividale	Monthly Total.
January ...	20	1	—	1	1	23
February ...	4	4	—	4	1	13
March ...	8	—	2	1	—	11
April ...	4	3	—	3	1	11
May ...	1	—	—	2	—	3
June ...	1	1	—	1	—	3
July ...	—	—	—	—	—	—
August ...	2	1	—	—	—	3
September ...	1	1	—	1	—	3
October ...	—	2	1	—	2	5
November ...	3	4	2	1	2	12
December ...	—	4	1	1	—	6
Ward Totals ...	44	21	6	15	7	93

Diphtheria antitoxin is distributed to general medical practitioners as required in doses containing 8,000 units each, and 3,152,000 units were distributed in this way.

Isolation is arranged at the Hayley Green Infectious Diseases Hospital, to which 10 cases were admitted and 29 were admitted to Stallings Lane, Brierley Hill, and 2 to West Bromwich; 6 to Walsall; 2 to Wolverhampton and 1 to Smethwick and Oldbury.

Immunisation against Diphtheria is carried out at the Clinics and during 1938, 1,063 cases completed treatment.

The following table summarises the work carried out:—

	Boys	Girls	Total
Schick negative	155	110	255
Schick positive and immunized ...	182	176	358
Schick positive and did not complete immunization	41	51	92
Immunized without preliminary Schick test	345	360	705
Partially immunized (failed to complete)	41	50	91

Swabbing of the throats of school contacts is still carried out as a routine measure before their admission to school.

SCARLET FEVER.

41 cases were notified during the year as compared with 65 in 1937. The case rate per 1,000 population was 0.93 as compared with 2.41 for England and Wales. The annual death rate per 1,000 population from this disease was 0.00 in Rowley Regis as compared with 0.01 for England and Wales and 0.01 for the "Smaller Towns." 1 case was admitted to Hayley Green Hospital and 4 cases to Stallings Lane, Brierley Hill, Hospital. It was felt that the mild cases should be nursed at home if possible, and cases were only recommended to hospital where they were of a more severe type or could not be satisfactorily isolated. It is, in fact, better for a mild case to be nursed at home as it may acquire, in hospital, a mixed infection leading to some complication

The table given below shows both the distribution of the cases in the wards and the monthly incidence:—

Month.	Cradley Heath.	Old Hill.	Black-heath.	Rowley Regis.	Tividale	Monthly Totals.
January	—	—	—	6	1	7
February	—	—	1	—	1	2
March	1	—	1	2	—	4
April	—	—	—	—	—	—
May	—	—	—	—	—	—
June	—	1	—	1	3	5
July	1	—	—	1	—	2
August	1	—	—	—	—	1
September	2	4	1	—	1	8
October	2	—	—	—	—	2
November	—	1	—	2	1	4
December	3	1	—	2	—	6
Ward Totals ...	10	7	3	14	7	41

ENTERIC FEVER (including Paratyphoid).

No case occurred in the district in 1938.

PUERPERAL PYREXIA.

These conditions have already been discussed in the section of the report which deals with maternity and child welfare.

PNEUMONIA.

As 63 cases were notified with 43 deaths, the case mortality was 68.25%.

The table below shows both the distribution of the cases in the wards and the monthly incidence:—

Month.	Cradley Heath.	Old Hill.	Black-Heath.	Rowley Regis.	Tividale.	Monthly Totals.
January ...	3	—	—	—	2	5
February ...	2	—	1	—	4	7
March ...	2	1	1	1	2	7
April ...	1	1	1	3	5	11
May ...	—	1	—	4	2	7
June ...	1	3	1	1	1	6
July ...	1	—	1	2	2	6
August ...	1	—	—	—	1	2
September ...	2	1	—	—	—	3
October ...	—	—	—	—	1	1
November ...	—	—	1	1	1	3
December ...	1	—	1	—	3	5
Ward Totals ...	14	7	6	12	24	63

ERYSIPELAS.

7 cases were notified, giving a case rate per 1,000 population of 0.22 as compared with 0.40 for England and Wales.

EPIDEMIC DISEASES OF THE NERVOUS SYSTEM.

There were two deaths from encephalitis lethargica.

MEASLES.

As there was 1 death caused by measles in 1938, the death rate per 1,000 population was 0.02 as compared with 0.04 for England and Wales, and 0.03 for the "Smaller Towns."

Information as to cases is derived from the reports of the head teachers and school attendance officers and cases are visited by the health visitors, advice being given as to isolation, etc.

12 cases were visited.

WHOOPIING COUGH.

There were 2 deaths from whooping cough in 1938. The death rate per 1,000 population was 0.04 as compared with 0.03 for England and Wales and 0.02 for the "Smaller Towns."

CANCER.

During 1938 there were 66 deaths from cancer and malignant disease as compared with 50 in 1937. The following table shows the number of deaths in males and females, and the ages at which these deaths occurred for each site separately:—

Localisation of disease.	Ages of Males	Ages of Females	Total
Cæcum	—	78	1
Stomach	46, 66, 54, 58, 64, 72, 43, 44, 68, 60	55, 61, 58,	13
Breast	—	49, 52, 77, 48, 84	5
Lungs	52, 69, 34	39, 52	5
Uterus	—	68, 75, 73	3
Cervix	—	44	1
Colon	71, 56 63, 67, 65, 52	57, 42, 45 75	10
Liver	68, 73	80, 60, 72, 82, 60, 71	8
Pancreas	72	61	2
Ventriculi	61	50	2
Other	74, 58, 64, 73, 56, 67, 75, 53, 61, 69, 40, 52	77, 81 64, 72	— 16

From a consideration of the above table it will be seen that considering both sexes together, the greatest incidence of malignant disease fell upon the alimentary system.

PREVENTION OF BLINDNESS.

No action has been taken under Section 66 of the Public Health (Amendment) Act, 1925, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eyes.

OPHTHALMIA NEONATORUM.

The official table is as follows:—

Notified	Cases Treated.		Vision un-impaired.	Vision im-paired.	Total blind-ness.	Deaths.
	At Home.	In Hospital.				
26/8/38.	—	1	1	—	—	—

Cases of the above-mentioned disease admitted to hospital are of a more severe type and the value of hospital treatment in preventing damage to vision is apparent.

TUBERCULOSIS.

In the following table particulars are given of all new cases of tuberculosis and of all deaths from the disease in the year 1938.

Age Periods.		NEW CASES.				DEATHS.			
		Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
		M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	...	—	—	—	—	1	—	—	—
1— 5 years	...	—	1	—	2	—	—	1	2
5—10 years	...	—	1	—	—	—	—	—	—
10—15 years	...	—	1	—	1	—	1	—	—
15—20 years	...	3	8	—	1	1	2	—	—
20—25 years	...	5	5	—	—	2	1	—	—
25—35 years	...	7	5	1	—	6	2	—	—
35—45 years	...	2	4	—	1	4	2	—	1
45—55 years	...	2	—	1	1	2	—	—	—
55—65 years	...	1	—	—	—	1	—	—	—
65 years and upwards	...	—	1	—	—	—	1	—	—
Totals	...	20	26	2	6	17	9	1	3

Six cases (included in the above table) came to the notice of the Medical Officer of Health otherwise than by primary notification. These were transfers into the district from other areas.

The number of cases notified during 1938 was 54 as against 46 for 1937.

Six cases died un-notified, 4 from pulmonary tuberculosis and two from non-pulmonary tuberculosis.

As regards the pulmonary cases, the interval between notification and death was:—

Under one week in 1 case.

Between one week and one month in 1 case.

Between one and three months in 4 cases.

Between three and six months in 3 cases.

Between six months and one year in 4 cases.

Over one year in 9 cases.

With reference to the cases of non-pulmonary disease the interval between notification and death was:—

Under one week in 1 case.

Over one year in 1 case.

During the year 22 cases of pulmonary tuberculosis and 3 cases of non-pulmonary tuberculosis were admitted to hospital or sanatorium and 21 cases of pulmonary tuberculosis and 1 case of non-pulmonary tuberculosis were discharged from hospital or sanatorium.

TUBERCULOUS CASES ON THE REGISTER AT 31st DECEMBER, 1938.

Pulmonary.		Non-Pulmonary.		Total.
M.	F.	M.	F.	
155	148	93	82	478

The Borough Council possess a number of bedsteads formerly used at the Isolation Hospital, Tividale, which has been demolished. These beds have been repaired and repainted and, are loaned, when required, so as to enable tuberculous patients to be satisfactorily isolated in separate bedrooms.

The sites at which new cases and deaths from non-pulmonary tuberculosis occurred are given in the table below :—

Site.					New Cases.	Deaths.
Cervical Adenitis	...	...	...	...	1	—
Cervical Glands	...	...	...	...	1	—
Right Rib	...	...	...	...	1	—
Neck	...	...	...	...	1	—
Spine	...	...	...	...	1	—
Peritonitis	...	...	...	...	1	—
Meningitis	...	...	...	...	1	3
Kidney	...	...	...	...	1	1
					8	4

Approximately one half of the cases of non-pulmonary tuberculosis are caused by the consumption of tuberculous milk and could be prevented by universal pastuerisation of milk.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under section 62 of the Public Health Act, 1925.

The Health Visitors pay domiciliary visits and during the year 1938, 50 visits and 748 re-visits were so paid.

BACTERIOLOGICAL WORK.

This is performed at the Staffordshire County Council's Laboratory and the following table shows the work done.

	Positive	Negative	Tota
Bacteriological Reports :—			
Tuberculosis	36	139	175
Diphtheria :—			
Throat—1st Reports	18	90	108
2nd Reports	6	27	35
Nose and Throat—1st Reports	4	42	46
2nd Reports	—	4	4
Tonsils—1st Reports	16	100	116
2nd Reports	3	42	45
Nose—1st Reports	18	29	47
2nd Reports	—	4	4
Fæces—1st Reports	—	3	3
2nd Reports	2	1	3
No Description—1st Reports	25	82	107
2nd Reports	1	17	18
Ear	—	5	5
Virulence Tests :—			
Nose	1	—	1
Biological Tests :—			
Tuberculosis	2	4	6
Typhoid	1	3	4
Diphtheria		8	8

No vaccinations were performed by the Medical Officer of Health under the Public Health (Small-Pox Prevention) Regulations, 1917.

DISINFECTION AND DISINFESTATION.

This is carried out under the supervision of the Chief Sanitary Inspector and particulars of the work are contained earlier in the report.

HEALTH PROPAGANDA.

Health talks are given by members of the staff to the women attending the various clinics. Posters supplied by the Health and Cleanliness Council and the Dental Board are exhibited in the schools and clinics.

